## **ICERI2018 TABLE OF CONTENTS**

STREET CHILDREN IN HAITI: USING DRAWING TECHNIQUES TO BETTER UNDERSTAND THEIR EDUCATIONAL NEEDS M. Bruyninckx, L. Roinich, I. Eugène, M. Dufranc	1
<b>DIGITAL IMPACT LABS FOR THE PEOPLE'S SOCIAL RESONANCE</b> <i>M. Koplin, M. Damke, S. Siegert, A. Disterhof</i>	10
USE OF THE MATH ASSESSMENT FOR COLLEGE STUDENTS (MACS) TO PREDICT PERFORMANCE IN AN UNDERGRADUATE STATISTICS COURSE L. Rabin, A. Krishnan, R. Bergdoll, J. Fogel	20
DIAGNOSTICS OF PRESCHOOL CHILDREN VISUAL PERCEPTION J. Vítová	21
LEVEL OF VISUAL PERCEPTION OF YOUNGER SCHOOLCHILDREN WITH VISUAL IMPAIRMENT AND THEIR INTACT PEERS J. Vítová	26
SUSTAINABLE DEVELOPMENT EDUCATION AND OVERCONSUMPTION: STUDENTS' KNOWLEDGE AND VIEWS N. Tzaberis, M. Chondrogiorgos, V. Mylona	31
<b>THE IMPORTANCE OF EDUCATION IN ORGANIZATIONAL CREATIVITY AND ITS</b> <b>ROLE IN SOLVING PROBLEMS IN ORGANISMS OF LOCAL AUTHORITIES</b> V. Mylona, N. Tzaberis, M. Chondrogiorgos	40
<b>RE-THINKING AND PRACTICING CRITICAL PEDAGOGY IN EDUCATION THROUGH</b> <b>ART</b> <i>D. Markovich</i>	50
<b>GENDER DIVERSITY IN UNDERGRADUATE ELECTRICAL ENGINEERING STUDIES</b> <i>E. Gur</i>	51
TRANSMEDIA EDUCATION FOR THE SOUTH OF BOGOTÁ: AN APPROACH TO A CO- CREATION PEDAGOGICAL MODEL FROM THE EXPERIENCE OF THE COMMUNICATION AGENCY FOR SOCIAL DEVELOPMENT OF THE UNIMINUTO VRBS	56
E. Enciso Camacho, C. Rodríguez Lizarralde	
PUPILS' PERCEPTIONS OF COMPUTER AIDED INSTRUCTION IN MATHEMATICS K. Bártek, E. Bártková	66
WHAT IS IT LIKE FOR A MODERN TEACHER TO BE A FACILITATOR? S. Popova	72
<b>EXPERIMENTAL LEARNING FOR RESOLVING REGIONAL PROBLEMS</b> A. Kondo, S. Togawa	77
<b>PEDAGOGICAL TEACHING MATERIAL ABOUT ABUSE AND SEXUAL EXPLOITATION</b> <b>AIMED AT CHILDREN AND TEENAGERS IN BRAZIL</b> <i>L. Paião, J.H. Souza Ribeiro, C.B. Fernandez</i>	86
THE IMPACT OF A GESTALT-BASED INTERVENTION PROGRAM ON THE MINDFULNESS SKILLS, SELF –COMPASSION AND LIFE SATISFACTION OF UNDERGRADUATE STUDENTS	93
A. Kyvelou, A. Kassotaki-Maridaki, A. Antonopoulou, G. Kleftaras	101
SELF-ESTEEM AND RESILIENCE IN EDUCATION ACTIONS FOR THE HEALTH OF PEOPLE WITH DIABETES D. Tamaturgo, M.N. Ribeiro, J.H. Souza Ribeiro, S. Barboza Perdomo, C.X. Diniz, O.G. Barbosa	101
DATA MINING AS A SUPPORT TECHNIQUE FOR MONITORING ACADEMIC RESEARCH INDICATORS IN UNIVERSITIES J. Zaldumbide, M. San Andrés	108
SELF-DIRECTED LEARNING AND HOMEWORK: STUDENT AND TEACHER PERSPECTIVES L. Daniela, L. Vasečko	116
DIGITAL LEARNING MATERIALS AND EDUCATIONAL TECHNOLOGIES IN LATVIAN PRESCHOOLS L. Daniela, Z. Rubene	124
DATA MINING MODEL TO IDENTIFY THE FACTORS THAT AFFECT THE ACADEMIC ADVANCEMENT OF HIGHER EDUCATION STUDENTS V. Párraga, J. Zaldumbide	125

HOW CULTURAL MAJORITY STATUS PREDICTS YOUNG ADULTS' SOCIAL ATTITUDES, ADAPTATION, & SELF ESTEEM: GENDER VARIATIONS IN BIGOTRY AND DEPRESSION BETWEEN DOMINANT AND NON-DOMINANT GROUPS IN USA AND SPAIN P. Portes, D. Boada, L. Cabrera	131
CREATION OF AN INTERACTIVE 3D PUZZLE TO IMPROVE UNDERSTANDING OF THE OPERATION OF AGUSTIN DE BETANCOURT'S WIND MACHINE FOR DRAINING MARSHY GROUND J.I. Rojas-Sola, A.I. Aguilera-García, E. De la Morena-De la Fuente	137
<b>TECHNIQUE OF ONLINE-LEARNING DATA ANALYTICS AS A TOOL FOR</b> <b>IMPROVING QUALITY OF THE MASSIVE OPEN ONLINE COURSES</b> V. Larionova, E. Sinitsyn, T. Bystrova, A. Tolmachev	148
DICTIONARIES OF CULTURAL HERITAGE AS A NEW EDUCATIONAL POSSIBILITY FOR LIFE-LONG LEARNERS M. Mamontova	158
ADVANCING THE ACADEMIC LEARNING OF ENGLISH LANGUAGE LEARNERS (ELLS) IN THE USA: A RANDOMIZED CONTROLLED TRIAL EVALUATION IN ELEMENTARY SCHOOL CLASSROOMS P. Portes, M. Gonzalez, D. Boada	162
PROJECT OF THE UNIVERSITY OF LIBRARY STUDIES AND INFORMATION TECHNOLOGIES (ULSIT) FOR CREATING GOOD IMAGE AND TRUST IN THE UNIVERSITY INSTITUTION M. Pavlova, I. Peteva, I. Pavlova, T. Petrova	169
ENGAGE > MAKE > CAST > RATE: IMAGINING NEW WAYS FOR LEARNING TECHNOLOGY IN THE MOBILE AGE M. Pete	174
ICT ENRICHED TEACHING VS. TRADITIONAL TEACHING IN PRIMARY SCHOOL K. Pavlina, T. Ivanjko, L. Gorički	175
SELF-EVALUATION MANDALAS - AN INNOVATIVE TOOL OF THE VIRTUAL TEACHERS' TOOLBOX VTT PROJECT P. Mazohl, H. Makl	180
DRONE DESIGN PROJECT THROUGH COLLABORATION AMONG STUDENTS A. Sanchez-Carmona, L. García-Hernández, C. Cuerno-Rejado	187
SOCIO-DEMOGRAPHIC PREDICTORS OF EMOTIONAL AND PERSONAL WELL- BEING OF YOUNG PEOPLE L. Karapetyan	196
SELF-ASSESSMENT AND CO-ASSESSMENT AS A METACOGNITIVE TOOL IN TRAINING FUTURE PRIMARY TEACHERS	202
L.J. Rodríguez-Muñiz, A. Aguilar-González, I. García-Honrado, A.B. Ramos-Guajardo, B. Sinova	
IPADS AND COLLABORATIVE LEARNING IN AN UNDERGRADUATE TYPOGRAPHY UNIT OF STUDY N. Souleles	209
THE DEVELOPMENT OF COMMUNICATION SKILLS FOR PEOPLE AFTER A STROKE IN A CHRONIC STAGE USING SPECIAL PEDAGOGICAL APPROACHES M. Vostrý, K. Pančocha	216
<b>EVALUATION OF ERGOTHERAPEUTIC INTERVENTION IN PEOPLE WITH DEMENTIA DIAGNOSIS</b> M. Vostrý, H. Kynštová	221
SUPPORT SERVICES AND STUDENT ACHIEVEMENTS IN DISTANCE LEARNING Ö. Öztürk	225
CURRICULUM DESIGN BASED ON SECTORAL FRAMEWORK LEARNING OUTCOMES - A PRACTICAL APPLICATION ON AN INTEGRATED JOINT CURRICULUM A. Peres	226
THE USE OF A DIALOGIC REFLEXIVE MODEL TO FOSTER TRANSFORMATIVE LEARNING AS IDENTITY CONSTRUCTION D. Gnaur	236
<b>EXPERIMENTAL VERIFICATION OF INDICATED BENEFITS OF INTEGRATING</b> <b>AUGMENTED REALITY INTO ACADEMIC SOFTWARE ENGINEERING CLASSES</b> <i>M. Knietzsch, D. Muckelbauer, R. Reuter, J. Mottok</i>	243

<b>DEVELOPING ENGLISH ONLINE COURSES FOR ADULT LEARNERS AT NON- FORMAL EDUCATION CENTERS</b> W. Chaiyabutr, P. Ingkaninan, P. Nadprasert	253
FORCES AND THEIR EFFECTS: COMPARATIVE ANALYSIS OF THE KNOWLEDGE OF TEACHERS IN TRAINING VERSUS PRIMARY SCHOOL STUDENTS G. Martinez-Borreguero, M. Mateos-Núñez, F.L. Naranjo-Correa	258
STUDENT'S ENGAGEMENT IN SCHOOL: CONTRIBUTIONS TO SUCCESS AND INCLUSION A. Leite, F. Veiga	268
EMOTIONS, SELF-EFFICACY AND KNOWLEDGE OF THE TEACHER IN TRAINING IN A STATIC AND DYNAMIC LABORATORY EXPERIENCE M. Mateos-Núñez, G. Martinez-Borreguero, F.L. Naranjo-Correa	279
<b>TRADITION &amp; INNOVATION @ KINDERGARTEN PROJECT: TRADITIONAL TALES</b> <b>TO INSPIRE CHILDREN'S LOVE OF LEARNING</b> A. Colibaba, I. Gheorghiu, A.S. Colibaba, S. Colibaba, L. Danaila, I. Croitoru, O. Ursa	290
<b>EVALUATION AND LEARNING ANALYTICS – A FIELD REPORT FROM AN</b> <b>INTERNATIONAL PERSPECTIVE</b> J. Westbomke, G. Mothersill, T. Nyström	295
<b>FLIPPED CLASSROOM, A USEFUL METHOD TO LEARN GEOTECHNICAL SOFTWARE</b> J. González Galindo, S. Senent Dominguez, A. Soriano Martínez, M.J. Crespo Álvarez, R. Laín Huerta, M. Reig Ramos, J.M. Galera Fernández, I. Cepeda Bajo, R. Jiménez Rodríguez	304
MULTIPLE TEACHING STRATEGIES FOR AN UNDERGRADUATE COURSE. A METHODOLOGY BASED ON A SPOC D. Rodríguez-Mateos, F. Utray, A. Mejón	314
<b>BOOSTING DIGITAL SKILLS IN THE DEGREE OF CHEMICAL ENGINEERING</b> J.M. Paz-Garcia, R.M. Sánchez-Varo, P.D. Franco-Caballero, J.J. Fernandez-Valenzuela, C. Gomez- Lahoz, M.D. Villen-Guzman	324
CHALLENGES OF ADOPTING THE EUROPEAN APPROACH FOR QUALITY ASSURANCE OF JOINT PROGRAMMES - A DUTCH-ESTONIAN-LATVIAN- LITHUANIAN-SPANISH JOINT EXPERIENCE A. Peres	329
STUDY OF THE KEY FACTORS IMPACTING THE MOTIVATION OF BULGARIAN STUDENTS TO SELECT HIGHER EDUCATION INSTITUTIONS R. Manolova	340
CURRICULUM DESIGN USING ATA AND KAUPAPA MAORI K. Ganeshan	345
BUSINESS PROCESSES MANAGEMENT IN DIGITAL TRANSFORMATION OF EDUCATIONAL INSTITUTIONS K. Tomičić-Pupek, M. Tomičić Furjan, I. Pihir	351
PUZZLE TECHNIQUES FOR TRAINING ORAL AND WRITTEN SCIENTIFIC COMMUNICATION SKILLS	358
M.D. Villen-Guzman, J.M. Rodriguez-Maroto, R.A. Garcia-Delgado, P. Gomez-Gonzalo, C. Vereda- Alonso, C. Gomez-Lahoz, J.M. Paz-Garcia	
IS THE TEACHING OF OPTICS IN PRIMARY EDUCATION EFFECTIVE? DIAGNOSIS OF PRIMARY SCHOOL STUDENTS' KNOWLEDGE OF BASIC CONCEPTS OF LIGHT AND COLOR G. Martinez-Borreguero, F.L. Naranjo-Correa, A.L. Pérez-Rodríguez, P.J. Pardo-Fernández, M.I. Suero- López	363
BUILDING TEACHERS' PSYCHOLOGICAL RESILIENCE AND WELL-BEING THROUGH DRAMA A. Galazka	373
REVIEW OF EVALUATION OF QUALITY OF DISTANCE LEARNING COURSES: STANDARDS, CRITERIA AND METHODS I. Vinogradova	383
THE TEACHING OF LIGHT AND COLOUR IN THE EDUCATIONAL SYSTEM: A QUALITATIVE ANALYSIS OF THE EDUCATION CURRICULUM F.L. Naranjo-Correa, G. Martinez-Borreguero, A.L. Pérez-Rodríguez, P.J. Pardo-Fernández, M.I. Suero- López	391
<b>IDENTIFICATION OF THE INITIAL LEVEL OF STUDENTS IN THE COMPETENCE</b> <b>"INNOVATION, CREATIVITY AND ENTREPRENEURSHIP"</b> <i>A. Boza, L. Cuenca, M. Fernandez-Diego, L. Ruíz</i>	400

<b>TEACHERS' ATTITUDES TOWARDS GIFTED STUDENTS AND GIFTED EDUCATION:</b> <b>RESULTS FROM AN ITALIAN STUDY</b> <i>B. De Angelis, S.I. Haering</i>	404
REFLECTING ON TEACHERS' PRACTICES AS MULTIMODALLY CONSTRUCTED IN SPATIAL REALITY: THE VALUABLE USE OF VIDEO DATA AND CONVERSATION ANALYSIS TO INVESTIGATE CLASSROOM INTERACTIONS B. Arend	413
VALUES COMPETENCE OF STUDENT TEACHERS WHEN HANDLING DILEMMA STORIES B. Kopp, E. Jasný	421
<b>COLLABORATIVE, PROJECT-BASED LEARNING IN SOFTWARE DEVELOPMENT</b> <i>K. Ganeshan, D. Kirk, N. Kothamasu</i>	428
HIGH STAKE EXAMS WITH BYOD AT THE UNIVERSITY OF PORTO: BYPASSING CONSTRAINTS H. Ribeiro, M. Amaral	437
A SUCCESSFUL CASE OF APPLYING ADAPTIVE LEARNING INTO AN ELEARNING PLATFORM - NEO LMS J. Rufo	443
MOROCCO SMILE PROJECT: AN IMPLEMENTATION OF AN ENGINEERING SERVICE LEARNING PLATFORM S. El Hassani, F.E. M'Hamdi Alaoui, Y. Seo, J. Eom	444
<b>DETECTING PLAGIARISM IN SHORT SOLUTIONS OF PROGRAMMING EXERCISES</b> J. Swacha	450
<b>DEVELOPMENT AND EVALUATION OF AN INTERACTIVE PYTHON COURSE</b> J. Swacha	456
<b>TUTORING PROCEDURAL PROBLEMS WITH AN AUTOMATIC SMART EVALUATOR</b> J. Blas, I. de Miguel, N. Merayo, J.C. Aguado, R.M. Lorenzo, E.J. Abril	467
<b>DEVELOPMENT OF PODCASTS AND SUBTITLED VIDEOS AS DIDACTIC AND</b> <b>INTEGRATING TOOLS</b> <i>A. Aparicio, E. Rodriguez-Rodríguez, E. Cuadrado-Soto, A. Peral-Suárez, P. Andrés, A.M. López-Sobaler, R.M. Ortega</i>	475
SMILE PROJECT 2018: CASE STUDY OF AN ENGINEERING SERVICE LEARNING PROJECT S. El Hassani, F.E. M'Hamdi Alaoui, Y. Seo, J. Eom	479
NEW DIMENSIONS OF DATA SCIENCE PROFESSIONAL SKILLS AS EMERGED BY IDENTIFIED ETHICAL ISSUES: GDPR S. Toleva-Stoimenova, K. Rasheva-Yordanova, D. Christozov	488
CHECKING THE SCIENTIFIC LITERACY OF HUMANITIES AND SCIENCE STUDENTS: THEY SAY MINERALS ARE EVERYWHERE – IS THAT SO? C. Vasconcelos, T. Ribeiro, M.L. Vasconcelos, S. Ferraz	498
WILL THE NOUN/VERB ANALYSIS BE USED TO GENERATE CLASS DIAGRAMS? AN EYE TRACKING STUDY I. Hutzler, F. Hauser, R. Reuter, J. Mottok, H. Gruber	505
INTEGRATED RISK MANAGEMENT FRAMEWORK FOR E-LEARNING ENVIRONMENT USING EMERGENCY WARNING S. Togawa, K. Kanenishi	515
THE ROLE OF THE MOOC IN THE CONTEXT OF HIGHER EDUCATION IN THE RUSSIAN FEDERATION E. Dmitrieva, O. Dagbaeva, Z. Usmanova, N. Shevtsova	521
THE DYNAMIC COMPUTER-SUPPORTED VISUALIZATION AMPLIFYING STUDENTS' GREATER AWARENESS OF THE CONCEPT OF LIMITS IN THE COURSE OF FURTHER MATHEMATICS N. Eyrikh, R. Bazhenov, T. Gorbunova, E. Lavrushina, G. Filippova	527
LIBRARIANS PERCEPTION OF BRING YOUR OWN DEVICE POLICIES: BENEFITS FOR UNIVERSITY LIBRARIES	534
M. Fagbohun, O. Adebayo, P. Ilo, J. Idiegbeyan-Ose, U. Esse, N. Nwokeoma, O. Olawoyin, I. Osinulu <b>FIRST YEAR LIFE SCIENCE STUDENTS DEEP LEARNING APPROACH: A</b> <b>PRELIMINARY REPORT</b> M. Leira Brondo, L. Calolla Cornaio, P. Baixó, A.M. Báraz do Castro	542
M. Leiva-Brondo, J. Cebolla-Cornejo, R. Peiró, A.M. Pérez-de-Castro <b>THE EFFECT OF THE USE OF COMPUTER SIMULATIONS AND VIRTUAL PHYSICS</b> <b>LABORATORY IN GENDER PERFORMANCE OF PHYSICS LEARNING</b> I. Radinschi, M.M. Cazacu, G. Covatariu, V. Ciocan, M. Verdes, C.M. Helepciuc (Grădinaru)	549

LABELLING GRAMMATICAL PATTERNS WITH THE CEFR LEVELS J. Bérešová	556
CHOOSING A TEACHING CAREER IN HIGHER EDUCATION – A CHALLENGE OF MOTIVATIONAL AND NON-MOTIVATIONAL FACTORS A.C. Grădinaru, C.M. Helepciuc (Grădinaru), V. Ciocan, I. Radinschi	562
<b>LEARNING BY DESIGNING: COLLABORATIVE PROJECT FOR THE IMPROVEMENT</b> <b>OF LEARNING ENVIRONMENTS AT THE ETSIDI</b> <i>R. Díaz-Obregón Cruzado, F. Santos, S. Nuere, I. Panea</i>	567
<b>THE IMAGE AND TRUST IN THE UNIVERSITY - KEY FACTORS IN ENHANCING</b> <b>LEARNERS MOTIVATION</b> <i>M. Pavlova, S. Denchev, K. Bosakova, B. Tetevenska</i>	576
<b>EVOLUTION OF STUDENTS' EVALUATION IN THE SUBJECT OF INFORMATICS FOR THE LAST DECADE</b> <i>M. Pavličko, P. Böhm</i>	580
<b>STRATEGIES FOR THE PRESERVATION OF ELECTRONIC RECORDS IN UNIVERSITY</b> <b>LIBRARY STAFF IN NIGERIA</b> <i>P. Ilo, M. Fagbohun, J. Idiegbeyan-Ose, U. Esse, N. Nwokeoma, O. Adebayo, O. Olawoyin, I. Osinulu</i>	589
<b>COMPETENCE DEVELOPMENT AND THE IMPLEMENTATION OF TECHNOLOGY IN</b> <b>HEALTHCARE SERVICES</b> <i>C. Gjellebæk, A. Svensson, C. Bjørkquist</i>	596
<b>STUDENTS' FEEDBACK ON SERVICE QUALITY IN HIGHER EDUCATION</b> L. Bosu, E.K. Agormedah, P.Y. Asare	604
<b>INTERVENTION ON CHILDREN WITH AUTISM SPECTRUM DISORDER IN</b> <b>MALAYSIA: A SCOPING REVIEW</b> <i>S.Y. Ong, K.K. Wong, Y.I. Tan, S. Roslan</i>	612
THE ROLE OF TUTOR IN RUSSIAN INSTITUTION OF HIGHER EDUCATION AND HIS INTERACTION WITH FOREIGN STUDENTS D. Valeeva, A. Ershova, L. Spiridonova	621
<b>FOSTERING LEARNING THROUGH PEER REVIEW: EXPERIENCES AND REFLECTIONS</b> <b>WITH MASTER STUDENTS</b> V. Grion, A. Serbati, C. Tino	626
<b>EYE MOVEMENTS IN SOFTWARE ENGINEERING - WHAT DIFFERS THE EXPERT</b> <b>FROM THE NOVICE?</b> <i>F. Hauser, R. Reuter, I. Hutzler, J. Mottok, H. Gruber</i>	632
UNDERSTANDING THE SIGNIFICANCE OF QUALITY CRITERION IN EDUCATIONAL GAME: A COMPARATIVE REVIEW M. Ahmad	643
USE OF SOCIAL MEDIA TOOLS FOR KNOWLEDGE SHARING BY UNIVERSITY LIBRARY STAFF IN NIGERIA I. Osinulu, U. Esse, N. Nwokeoma, I. Ilo, M. Fagbohun, O. Adebayo, J. Idiegbeyan-Ose, O. Olawoyin	649
<b>THE IM HAPPY COACHING FRAMEWORK: FROM VOLUNTEER TO PAID EMPLOYEE</b> S. White, N. Bicker, S. Flynn, M. Black, A. Moore	654
BACHELOR'S AND MASTER'S DEGREES INTEGRATED IN PORTUGAL IN THE AREA OF COMPUTING: A GLOBAL VISION WITH EMPHASIS ON PROGRAMMING UCS AND PROGRAMMING LANGUAGES USED S. Sobral	660
ANALYSIS OF POLICY PLANNING DOCUMENTS AND REGULATORY ENACTMENTS FROM THE PERSPECTIVE OF DIGITALIZATION OF HIGHER EDUCATION R. Strods, L. Daniela, P. Gabriel	668
SCIENTIFIC CULTURE AS A SUBJECT THAT ORIENTS STUDENT'S PERSONAL VOCATIONAL PROJECT C. Moron, D. Ferrandez, P. Saiz, A. Moron	675
<b>DEVELOPMENT OF SOCIAL AND CIVIC COMPETENCES THROUGH TEAM SPORTS</b> R. Payán, A. Payán, P. Saiz, C. Moron	683
THE LANGUAGE OF MUSIC AND THE MUSIC OF LANGUAGE S. Ferrarese	690
INTERDISCIPLINARY ETNO-ARCHAEOLOGICAL FIELD SCHOOL IN LEBA, POLAND. TEACHING OF UNDERSTANDING THE PAST J. Dabal, K. Linda-Grycza	699
<b>THE ROLE OF E-TUTORING IN AN EFL DISTANCE EDUCATION PROGRAM</b> <i>M.I. Díaz Ramírez, M. Díaz Ramírez</i>	708

717
723
728
734
739
747
754
760
769
775
784
791
798
805
810
814
819
827
833
838

VISUALIZATION OF RESEARCH PROGRESS IN PRODUCTION ENGINEERING USING DATA SCIENCE METHODS S. Zachow, K. Schönefeld, F. Hees	843
A CREATIVE TEACHER AND THE RISK OF BURNOUT A. Muchacka-Cymerman	849
STRESS EXPERIENCES RELATED TO ENGAGEMENT IN LEARNING AND SCHOOL BURNOUT OF YOUNG PEOPLE A. Muchacka-Cymerman	856
<b>TESTING THE USE OF INSTRUCTIONAL VIDEOS IN A BLENDED-LEARNING</b> <b>CONTEXT: TEACHING MACROECONOMICS AT UNIVERSITY OF SEVILLE (SPAIN)</b> <i>A. Expósito, M.P. Pablo-Romero, M.P. Gómez-Calero, J. Sánchez-Rivas</i>	862
<b>QUALITY OF EDUCATION: EDUCATING THE ENTREPRENEURSHIP EDUCATORS,</b> <b>TEACHERS AND TRAINERS</b> <i>C. Nicolau, A. Herțanu</i>	863
THE COMMONWEALTH SPECIAL EDUCATION ENDORSEMENT (CSEEP) PROGRAM: MAXIMIZING STUDENT SUCCESS THROUGH HIGH QUALITY TEACHER PREPARATION S. Tonelson, A. Maydosz, R. Gable	864
CAN BETTER INFORMATION TACKLE PLAGIARISM AND ACADEMIC MISCONDUCT? B. Santos, J. Gonçalves, P. Almeida	873
INTERNATIONALIZATION OF HIGHER EDUCATION INSTITUTIONS: DESCRIPTIVE RESEARCH ON TRANSILVANIA UNIVERSITY OF BRAȘOV, ROMANIA C. Nicolau, S. Lache	874
<b>ENGLISH ACROSS THE CURRICULUM: THE VIEW FROM THE UNITED STATES</b> <i>E. Thrush</i>	880
<b>TECHNOLOGICAL FORECASTING AS A TOOL FOR CURRICULUM DESIGN</b> J.A. Barrera Vera, M. Castillo García	884
<b>LOOKING FOR STUDENTS' ENTHUSIASM: FLIPPED CLASSROOM</b> <i>M. Soler, M. Bentabol, A. Lopes, R. Caña, A. Bentabol, M. Muñoz, A. Esteban, M.J. Luna, L. Cortés</i>	888
NON-LINEAR TEACHING THROUGH THE MOVING BODY V. Barra	896
WHEN PAST AND FUTURE MEET IN ARCHITECTURE TEACHING: HERITAGE AND GIS	902
B. Santos, A. Martins, I. Campos, J. Gonçalves, P. Almeida	
A TASK DESIGN CONCEPT FOR A VIRTUAL CLASSROOM FOR REQUIREMENTS ENGINEERING EDUCATION L. Miiller, S. Jahn, R. Reuter, J. Mottok	911
SELECTION OF OPEN SOURCE DATABASE DESIGN TOOLS FOR USE IN COMPUTER SCIENCE TEACHING E. Milosz, M. Juszczyk	921
<b>LEARNING COMMUNITIES IN BLENDED ADULT EDUCATION. EXPECTATIONS OF</b> <b>LEARNERS AND PROGRAM COORDINATORS</b> <i>E. Van Twembeke, L. De Grez, J. Elen, K. Goeman</i>	927
<b>THE ROLE OF TECHNOLOGY IN ENHANCING ENGAGEMENT AND BUILDING</b> <b>COMMUNITIES OF PRACTICE WITHIN TOURISM EDUCATION</b> <i>F. Taylor, R. Welton, D. Ellicott</i>	934
STUDENT TECHNOLOGY ADOPTION IN A 1:1 TABLET INTEGRATION PROJECT IN EFL S. Courgeneiro, N. Bedro	939
S. Couvaneiro, N. Pedro	0.40
<b>NEW METHODOLOGIES OF TEACHING BASED ON AUGMENTED REALITY</b> <i>M.A. López-Peral, E. García-González, M.D. Andújar-Montoya</i>	948
<b>THE PARTICIPATION OF THE UNIVERSITY STUDENT IN HIS EVALUATION: A</b> <b>COLLABORATIVE WORK TEACHING EXPERIENCE</b> <i>E. García-González, M.A. López-Peral, M.D. Andújar-Montoya</i>	955
SOCIO-PSYCHOLOGICAL ADAPTATION AND PERSONAL QUALITIES OF MILITARY UNIVERSITY CADETS G. Kozhukhar, E. Breus	964
ACADEMIC RESEARCH PROJECT FOR FORMATION AND DEVELOPMENT OF SKILLS AND COMPETENCES IN THE USE OF INFORMATION RESOURCES G. Zhablyanova, M. Pavlova, K. Bosakova	969

UCV-TEST: A FLEXIBLE MODEL FOR THE INTERACTIVE ANALYSIS OF MULTIPLE- CHOICE QUESTIONS BASED EXAMS IMPLEMENTED IN A SPREADSHEET SOFTWARE F. Arteaga, R. Cerverón, J. Pérez, J. Coret	974
BARRIERS OF MARGINALIZED ROMA CHILDREN IN SLOVAKIA IN ACCESS TO PRE- PRIMARY EDUCATION J. Rusnakova	983
NEW QUALITATIVE CRITERIA FOR CONTEMPORARY UNIVERSITIES IN RESEARCH AND PROJECTS COMPLETED BY STUDENTS OF THE ARCHITECTURAL FACULTY AT THE SILESIAN UNIVERSITY OF TECHNOLOGY D. Winnicka-Jasłowska	988
INTEGRATION OF INDIGENOUS STUDENTS IN A PRIVATE BUSINESS SCHOOL IN PUEBLA C. Montaudon-Tomas, M. Muñoz-Ortíz, J.A. Fernández-Pérez	996
<b>CREATIVE ACTIVITIES AS A PIVOT OF TEXTBOOK OF FRENCH FOR SPECIAL</b> <b>PURPOSES</b> N. Zhabo, M. Avdonina, A. Ryabinin	1003
ANALYSIS OF THE USE CREATIVE SPACES AND COWORKING USE FOR PROJECT DEVELOPMENT IN A SOCIAL NETWORK V.L. Fragnan Junior, G. Botura Junior	1009
THE SUBJECTIVE WELL-BEING OF CHILDREN INTERNATIONALLY AND IN FINLAND A. Kultavirta, P. Marjanen	1016
THE ROLE OF PRACTICE AND FEEDBACK FOR DEVELOPING TEACHER CANDIDATE'S EXPERTISE K. Sayeski, B. Hamilton-Jones	1021
THE FEELING OF FOREIGNNESS-THIS IS NOT HOME T. Adekunle	1029
<b>EDUCATIONAL POTENTIAL OF ROBOTICS IN HIGHER EDUCATION: A PAPERTIAN</b> <b>APPROACH</b> <i>X. Zaldivar-Colado, U. Zaldivar-Colado, J. Niebla-Zatarain, Z. Del Valle, C. Marmolejo-Rivas, C.</i> <i>Magana-Solano</i>	1039
PROBLEMS OF TEACHING ACADEMIC LISTENING SKILLS IN THE FRAMEWORK OF CONTENT AND LANGUAGE INTEGRATED LEARNING E. Vdovina, N. Popova, M. Kogan	1044
CONNECTIONS AND RELATIONS-BASED LEARNING: THE NETWORK AND THE MESH C. Montaudon-Tomas, I.N. Pinto-López	1052
SOCIAL ENTREPRENEURSHIP: A STRATEGY FOR KNOWLEDGE TRANSFER AT UNIVERSIDAD VERACRUZANA	1059
M.E. Fragoso Terán, M.E. Sentíes Santos, C. Ruiz Garrido, H. Zizumbo Ramírez, J.M. Fragoso Terán PRE-DESIGN RESEARCH ON HEALTH CARE FACILITIES –STUDENT COMPETITION FOR INTERIOR DESIGN OF PEDIATRIC DEPARTMENT AT CITY HOSPITAL IN RYBNIK D. Winnicka-Jasłowska, I. Benek	1064
WEB-BASED RESOURCES IN TEACHING SPANISH GRAMMAR L. Gazizova, N. Davitova	1071
COMMUNICATIVE AND COGNITIVE ASPECTS OF MASTERING SCIENTIFIC AND TECHNICAL TERMINOLOGY BY STUDENTS MAJORING IN TRANSLATION E. Vdovina, N. Popova, A. Dashkina	1077
MEASURES TO INCREASE GENDER EQUALITY THROUGH THE IMPROVEMENT OF WOMEN'S PARTICIPATION IN STEM STUDIES M. Sempere, P. Arques, F. Fernández	1087
THE TEACHER IN CONSTANT TRAINING C. Aguirre	1092
INTEGRATING AGILE CONCEPTS INTO PROJECT MANAGEMENT COURSE FOR BACHELOR DEGREE IN INFORMATION SYSTEMS K. Kaloyanova	1098
THE PROCESS OF INTEGRATION OF THE RETURNEE IMIGRANTS' CHILDREN IN THE HOME COUNTRY: EXPECTATIONS AND REALITY D. Iliško, J. Badjanova, S. Ignatjeva, S. Zarina	1103

EDUTAINMENT: WEAVING YOUR PASSION INTO THE PROCESS OF STEM EDUCATION W. Robertson	1109
<b>EFFECT OF LEARNING ACTIVITIES ON STUDENT PERFORMANCE</b> J. Roca-Piera, M. Ruiz-Ferrández, G. Ortega	1114
LEARNING SUPPORT BASED ON TEXTBOOK AND OTHER EDUCATIONAL RESOURCES USED IN CZECH SECONDARY SCHOOLS I. Červenková, Z. Sikorová, A. Bednárek, M. Václavík	1120
SPORTCULTSCAN: A PROSPECTIVE STUDY ON ETHNIC-CULTURAL RELATED SENSITIVITIES IN SPORTS V. Van Raemdonck	1128
ORGANIZING YOUR LIFE LIKE A BOSS: AN ONLINE EXPERIENCE FOR THE ENHANCEMENT OF EFFECTIVE TIME MANAGEMENT STRATEGIES A. Repellin, G. Armesto	1134
INTERACTION IN INTELLECTUAL PROPERTY EDUCATION IN UNIVERSITY INFRASTRUCTURE: THE ULSIT'S EXPERIENCE T. Trencheva, K. Planska-Simeonova, S. Dimitrova	1142
THE USE OF MOBILE DEVICES IN FOREIGN LANGUAGE TEACHING IN THE TOURISM AREA: A PEDAGOGICAL PROPOSAL P. Cardoso, N. Perez	1150
MODELING PROFESSIONAL DEVELOPMENT PROGRAMS FOR JUNIOR FACULTY: EXPERIENCES AND REFLECTIONS FROM ITALIAN UNIVERSITIES A. Serbati, E. Felisatti, L. Da Re, J. Coryell	1159
EVERYTHING IS CONNECTED: EXPLORING PATHWAYS TOWARDS ENVIRONMENTAL AWARENESS WITHIN UNIVERSIDAD PANAMERICANA'S COMMUNITY THROUGH A LEARNING BY DESIGN, ACTIVE AND MULTIDISCIPLINARY EXPERIENCE B. Mendieta, A. Repellin, R. Chávez	1168
CHILDHOOD PARTICIPATION IN COLOMBIA: CHALLENGES FOR THE POST- CONFLICT L. Lemus, J. Torres, F. Cardona	1177
GENERATION OF MATERIALS FOR ACTIVE LEARNING. AN EXAMPLE IN THE COMPUTER SCIENCE AREA J. Roca-Piera, T. Schaarschmidt	1183
FOSTERING CONTEXT-AWARE LEARNING THROUGH AUGMENTED REALITY MOBILE APPLICATIONS A. Garcia-de-Prado, H. Cwierz, G. Ortiz, J. Boubeta-Puig	1189
ANALYSIS AND ADAPTATION OF NEW SKILLS IN MAINTAINING MANAGEMENT INFORMATION SYSTEMS P. Petrova, Z. Petrov	1193
MEASUREMENT OF DIGITAL ECOSYSTEM PENETRATION IN THE POPULATION OF SECONDARY STUDENTS IN BOGOTÁ G. Jimenez Pinto, C. Ruales Tobon, L.J. Hernandez Viveros	1201
PROJECT-BASED LEARNING AND HOW TO LEARN BY IMPROVING SOCIAL PROBLEMS	1202
M. Aranda López, V. Fuentes Gutiérrez, B. Montes-Berges, M. García-Domingo, A. Urbiola Vega <b>THE TEACHER IN THE TUTORIAL FUNCTION</b> A. Zepeda, T.B. Quintero, E. Aguilar, M.P. Enriquez, C.A. Ferreira	1210
A COLLABORATIVE, ONLINE LEARNING MODEL FOR FASHION DESIGN G. Guedes, A. Buest	1216
S. Gueuce, A. Bueu SIGNIFICANCE OF HMD. THE DESIGN OF A REALITY BLEND C. Ruales, L.J. Hernández, G. Jiménez	1226
UNIVERSITY PERFORMANCE: PEDAGOGICAL EFFICIENCY VS. SCIENTIFIC EFFICIENCY M. Varela, A.L. Luís, A. Neta	1239
<b>DIRECT OBSERVATION AND FEEDBACK TO TEACH THE PHYSICAL EXAM TO</b> <b>GRADUATE MEDICAL TRAINEES</b> <i>B. Garibaldi, T. Niessen, Y.Z. Lee, B. Clark, S. Desai</i>	1245
GAMIFICATION IN A CONTENT AND LANGUAGE INTEGRATED LEARNING CONTEXT	1246

R. Seiz Ortiz, A. Barrera Puerto

METHODOLOGY FOR INCREASING STUDENTS' MOTIVATION IN A HIGHER EDUCATIONAL ICT-BASED CLIL CONTEXT R. Seiz Ortiz, A. Barrera Puerto	1255
<b>ONLINE PLATFORM FOR DIGITAL MULTI-DISCIPLINARY LANGUAGE LEARNING</b> L. Wallenius, T. Lehto, T. Votkin, M. Halsas	1265
<b>TYPOLOGY OF CZECH UNIVERSITY STUDENTS BY THEIR ADDICTION TO COMPUTER GAMES</b> <i>M. Chráska</i>	1272
ANTHROPOLOGICAL APPROACH TO PSYCHOLOGICAL SUPPORT OF GIFTED CHILDREN AT DIFFERENT STAGES OF AGE DEVELOPMENT S. Korlyakova, E. Frantseva, O. Prilepskikh, O. Bogdanova, A. Ostroverkhov	1279
HOW IS THE WORD "TAKE" IN CHINESE? ON THE SEMANTICS AND TEACHING OF CORRESPONDING CHINESE VERBS T. Demidova, T. Solovyeva, D. Tavberidze	1286
<b>IMPROVING LEARNING IN HIGHER EDUCATION</b> M. Myers	1293
THE USE OF DESIGN SCIENCE RESEARCH IN THE CONSTRUCTION OF GAMIFIED INSTITUTIONAL DIGITAL REPOSITORIES D. Pontes	1302
<b>PERCEPTIONS AND EXPECTATIONS OF COLLEGE STUDENTS ABOUT THE</b> <b>INTERNET OF THINGS</b> <i>C. Vasconcelos, A. Oliveira</i>	1306
STAKEHOLDERS IN HIGHER EDUCATION, CAN THE STAKEHOLDER MODEL HELP TO MANAGE THE STAKEHOLDERS IN A NON-FOR-PROFIT ORGANIZATION? F. De Langen	1311
<b>NEW FEATURES FOR PROVIDING E-RUBRICS WITH ADAPTABLE PROPERTIES</b> <i>M.J. Agost, J. Otey, P. Company, M. Contero</i>	1312
<b>DESIGN OF A SMART HOME TO IMPROVE THE LEARNING OF THE BASIC SCIENCES</b> <b>IN ENGINEERING</b> <i>A. Rodríguez Rodríguez, A. Arenas González, Y. Minami Koyama</i>	1317
<b>TYPES OF EQUIVALENCE USED IN TRANSLATING EDUCATIONAL TERMINOLOGY</b> S. Şimon, A. Dejica-Carțiș, C.E. Stoian, A. Kriston	1324
GEO-VOLUNTEERING AT UNIVERSITY: COLLABORATING AND LEARNING WITH HUMANITARIAN AID ORGANIZATIONS	1333
M. Marchamalo, S. Alvarez-Gallego, S. Higuera-de-Frutos, B. González-Rodrigo, B. Gesto-Barroso, J.A. Mancebo-Piqueras, B. Benito-Oterino, Y. Torres-Fernandez, D. Pereira-Jerez, R. Aznar, L. Navarro-de-Corcuera, L. Perea, E. Barroso	
USING SCOTTIE GO! AS GAME BASED LEARNING TOOL FOR COMPUTATIONAL THINKING COURSE M. Videnovik, V. Trajkovik	1337
THE LONG-TERM IMPACTS AND THE EFFECTIVE TEACHING. A CASE STUDY IN CIVIL ENGINEERING AT THE TECHNICAL UNIVERSITY OF MADRID (SPAIN) S. Alvarez-Gallego, R. Martinez-Marin, M. Marchamalo	1345
BLENDED LEARNING WITH LEARNING OBJECTS IN AN INTER-INSTITUTIONAL REPOSITORY	1349
P.C. Godina Gonzalez, F.J. Martinez Ruiz, A.L.A. Borrego Elias, D. Villagrana Avila, E. Garcia Sanchez SERIOUS GAMES EVALUATION METHODOLOGY	1354
M. Videnovik, A. Madevska Bogdanova, V. Trajkovik STRATEGIES TO IMPROVE AN ACADEMIC ADVISING PROGRAM: A PERSPECTIVE	1362
<b>FROM SOCIAL COGNITION</b> S. Posada-Bernal, M. De Souza Martins	
MASTERING GENERAL EDUCATION SKILLS: DEVELOPING CAPSTONE COURSES FOR 21ST CENTURY GLOBAL EDUCATION A. Dominguez	1369
<b>THE IMPACT ON PROFESSIONAL IDENTITY IN CHANGING EDUCATIONAL</b> <b>TECHNOLOGY CONTEXTS</b> <i>M. O'Rourke</i>	1379
MEASURING GENERAL EDUCATION SUCCESS: ASSESSMENT, CORE COMPETENCIES, AND UNIVERSITY GOALS A. Dominguez	1384

USING VIDEO AND SOCIAL MEDIA TO PROMOTE PERSISTENCE IN LATIN AMERICAN LEARNERS OF ENGLISH IN THE UNITED STATES: AN ACTION RESEARCH PROJECT R. Allen	1385
<b>DESIGN AND EDUCATION: DISCUSSING PEDAGOGY</b> E. Locatelli, E. Schlemmer	1393
HOW SCIENCE TEACHER EMOTIONS ARE RELATED TO TEACHER SELF- REGULATION? E. Uzuntiryaki-Kondakci, Z.D. Kirbulut, O. Oktay	1402
THE CHALLENGE OF THE USE OF ACTIVE METHODOLOGIES OF TEACHING IN UNDERGRADUATE COURSES R. Ximenes, E. Cazarini, L. Cunha, A. Ximenes	1409
USING ARCHIVES AND SPECIAL COLLECTIONS PRINT PRIMARY SOURCES TO DISCUSS ELECTRONIC RESOURCES' ADVANTAGES AND DISADVANTAGES (VIVA PRINT "AND" ELECTRONIC RESOURCES!) C.A. Moon	1419
MORE EYES ON: CONSIDERING THE VALUE-ADDED OF PAIRING STUDENT TEACHERS IN A SINGLE CLASSROOM SETTING L. Colburn, J. Wahl	1423
INVOLVING EMPLOYED GRADUATES IN IMPROVING EDUCATION QUALITY E. Osipchukova, L. Tolvaišis, A. Ponomarev	1431
PRESERVICE TEACHERS: RECOGNIZING THE STORY IN ASSESSMENT DATA AND ACTING ON IT FOR THE BENEFIT OF STUDENT SUCCESS L. Colburn, P. Coggins	1435
<b>DYNAMIC ASSESSMENT IN DEVELOPING THE EFL LISTENING SKILL IN ADULTS</b> <i>T. Rasskazova, N. Glukhanyuk</i>	1445
INTROVERSION AND EXTROVERSION OF DOCTORAL STUDENTS AND ITS IMPACT ON THEIR SELF-EFFICACY AND RESISTANCE TO CHANGE P. Fischweicher, J. McAtavey	1453
FORMATIVE ASSESSMENT MADE EASY USING DIGITAL TOOLS P. Trejo	1459
STRETCHING ACADEMIC TIME: THE TRIALS AND TRIUMPHS OF FACULTY TEAM TEACHING L. Colburn, P. Coggins, T. Goodwin	1464
A STUDY-ABROAD SUPPORTING TOOL FOR THE ACQUISITION OF STUDY ABROAD OUTCOMES K. Kotani, M. Uchida	1471
TUTORIAL TEACHING AS A STRATEGY TO IMPROVE ACADEMIC PERFORMANCE AMONG STUDENTS AT THE FACULTY OF ACCOUNTANCY IN THE UNIVERSIDAD VERACRUZANA IN VERACRUZ	1476
C.P. Garrido Vargas, H. Zizumbo Ramírez, M.E. Fragoso Terán, M.E. Sentíes Santos, G. Ruiz Blanco, C. Ruiz Garrido	
THE ROAD TO THE LIBRARY OF BABEL OR HOW TO MANAGE LARGE DIGITAL COLLECTIONS R. Marcelín Jiménez, R.B. Silva-López, F.J. Hernández Olvera	1481
INTERDISCIPLINARITY AND DIGITAL TECHNOLOGIES: TRANSFORMING THE UNDERSTANDING ABOUT TEACHING PRACTICES L. de Lima, R.C. Loureiro, B.C. Aguiar	1487
BUILDING BRIDGES AMONG DIFFERENT LEVELS OF EDUCATION: A QUANTITATIVE APPROACH J. Villagrasa, P. Cruz-García, A. Marín	1495
<b>AN APPROACH TO ENHANCING ADVANCED COMPUTATIONAL PROBLEM</b> <b>SOLVING AND CRITICAL THINKING SKILLS</b> S. Pollack, O. Meerbaum Salant, A. Marron, B. Haberman	1505
DEVELOPING LEADERSHIP AND TEAMWORK SKILLS IN UNIVERSITY STUDENTS IN AN INQUIRY-BASED LEARNING ENVIRONMENT: THE CASE OF SAUDI ARABIA M. Elgeddawy	1515
DEVELOPING GLOBAL AWARENESS IN UNIVERSITY STUDENTS THROUGH GENERAL EDUCATION CORE CURRICULUM PROGRAM M. Elgeddawy	1523

CLINICALLY RELEVANT ANATOMICAL KNOWLEDGE RETENTION AMONG MEDICAL GRADUANDS: A GLOBAL MEDICAL EDUCATION CONCERN? N. Jeffery, M. Oi, M. Schachtel, R. Tedman, L. Dissabandara	1533
HOW DOES THE USE OF VIRTUAL LABS IN IN-SERVICE SCIENCE TEACHER TRAINING ENHANCE THEIR TECHNOLOGICAL, PEDAGOGICAL AND CONTENT KNOWLEDGE (TPACK) ON THE TOPIC "CHEMICAL REACTIONS"? E. Githan, A. Aljanazrah	1534
DEVELOPMENT OF COMMUNICATION ARGUMENTS IN Y GENERATION IN THE UNIVERSITY ENVIRONMENT J. Kocourek	1535
MASTER STUDENTS' SCIENCE WORK IN THE FIELD OF HIGH SPEED SIMULATION ALGORITHMS: FIRST TWO YEARS OF TEACHING RESULTS E. Smirnova, A. Sotnikov, V. Syuzev, T. Kim	1542
ENTERPRISES AND HIGHER EDUCATION INSTITUTIONS OF THE REGION: ISSUE OF NETWORK COOPERATION ASSESSED BY THE EXPERTS E. Shuklina, M. Pevnaya	1551
APPLICATION MODULE OF A MULTIMEDIA LABORATORY INTENDED TO STRENGTHEN THE COMPETITIVENESS OF UNIVERSITY GRADUATE STUDENTS R. Cockova	1559
<b>THE ROLE OF SPORTS VOLUNTEERING IN THE DEVELOPMENT OF RUSSIAN</b> <b>STUDENTS</b> <i>M. Pevnaya, E. Pevnaya, E. Shuklina</i>	1568
ONLINE COMMUNICATION WITH THE TARGET GROUP OF APPLICANTS FOR STUDY AT UNIVERSITY M. Jurikova	1574
<b>LET THEM LEARN</b> T. Benjak, N. Pjevač, N. Pjevač, D. Pjevac, M. Majer	1582
INTERDISCIPLINARY COOPERATION AT UNIVERSITY AND ITS POTENTIAL FOR CREATIVE AND CULTURAL INDUSTRIES IN THE CZECH REPUBLIC E. Gartnerova	1586
ANALYSIS OF THE TECHNOLOGY TO DEVELOP A WEB-BASED VIRTUAL LABORATORY AND SELECTION OF ENVIRONMENT M. Petrova, D. Atanasova	1593
THE USE OF CAREER COUNSELLING METHODS IN THE PROCESS OF CAREER EDUCATION IN GENERAL EDUCATION SCHOOLS I. Tandzegolskienė, V. Tūtlys, V. Jurgilė, A. Balčiūnaitienė	1602
<b>TECHNOLOGIES AND LANGUAGE LEARNING: TOWARDS NEXT GENERATION</b> <b>DIGITAL LEARNING ENVIRONMENTS</b> <i>P. Panagiotidis</i>	1609
MODERN LEARNING METHODS USING IN CYBERSECURITY ADULT EDUCATION A.M. Udroiu, A.V. Vevera	1618
USING A LANGUAGE LOUNGE TO IMPROVE MOTIVATION IN UNIVERSITY ENGLISH CLASSES (IN JAPAN) A. Brasier, Y. Hidaka, N. Gyulemetov	1624
<b>3D TECHNOLOGY APPLIED TO VETERINARY ORTHOPAEDIC SURGERY: ANGULAR DEFORMITY OF LONG BONES IN THE DOG</b> E. de la Morena Garcia, J. Sanz Dueñas, C. Rojo Salvador, I. de Gaspar Y Simon, C. Perez Diaz, J. Rodriguez Quiros	1630
ATTRACTING YOUTH TO THE OCCUPATIONS IN THE FOOD INDUSTRY, AGRICULTURE AND ENGINEERING: ISSUES FOR POLICY AND PRACTICE I. Tandzegolskienė, V. Tūtlys, V. Jurgilė, G. Strods, M. Igavens, E. Shevtshenko	1637
<b>TOWARDS THE INTERNATIONALISATION OF THE CURRICULUM: DIGITISING</b> <b>PEDAGOGY</b> <i>T. Adekunle, S. Moodley, D. Timm</i>	1644
<b>CREATION OF A 3D PRINTED PLEURAL DRAINAGE PLACEMENT MODEL</b> J. Sanz Dueñas, E. de la Morena Garcia, I. de Gaspar y Simon, C. Rojo Salvador, J. Rodriguez Quiros, C. Bernardi Villavicencio, C. Perez Diaz	1655
DESIGN THINKING APPLIED TO ONLINE HIGHER EDUCATION: THE CASE OF POSTGRADUATE UOC COURSE "EVALUATION CULTURE" T. Romeu Fontanillas, M.T. Hernández Morlans, G. Rosa Gregori	1662

ADOLESCENCE, EMOTIONAL AND CREATIVE LEARNING: DIDACTIC PROPOSAL WITH STOP MOTION TECHNIQUE M.R. Ripoll Lluquet	1669
<b>FRAMING BLENDED LEARNING, TEACHING AND EDUCATION</b> K. Goeman, S. Poelmans, V. Van Rompaey	1676
APPLYING LEAN THINKING TO HEALTHCARE SETTING: HOW TO IMPROVE RADIOLOGY TURNAROUND TIMES FOR EMERGENCY DEPARTMENT C. Verbano, M. Crema	1681
UNIVERSITY OF SOUTH AUSTRALIA STUDENT UNION (USASA) ADVOCACY INTERNSHIP PROGRAM: STUDENT PARTNERSHIP IN ACTION L.F. Gardeazabal Penuela, T. Mackay	1686
A NEW TECHNIQUE FOR AUTOMATIC GENERATION OF SEMANTIC INDEXES IN VIDEO LECTURES S. Biatel, M. Ronchetti	1691
LEAN SIX SIGMA: STATE OF THE ART AND FUTURE DEVELOPMENTS IN HEALTHCARE M. Crema, C. Verbano	1697
<b>TRIPLE HELIX AND REGIONAL UNIVERSITIES; DOES ONE SIZE FIT ALL?</b> <i>C. Nuur</i>	1705
THE RELATIONSHIP BETWEEN SELF-ESTEEM AND SOCIAL COMPETENCES IN PRE- SERVICE TEACHERS L. Křeménková, S. Dobešová Cakirpaloglu, J. Kvintová	1706
READING ENTHUSIASM OF PUPILS AT ELEMENTARY SCHOOL FROM THE PERSPECTIVE OF PEDAGOGICAL RESEARCH S. Babiakova, B. Kasáčová, M. Cabanová	1715
THE THEORETICAL SCOPES OF SUPPORT FOR READING INTEREST AND ENTHUSIASM IN YOUNGER SCHOOL-AGE LEARNERS S. Babiakova, L. Simanová	1725
SOCIAL COMPETENCES OF UNIVERSITY STUDENTS IN RELATION TO PERSONALITY CHARACTERISTICS AND FORMS OF STUDY I. Plevová, L. Křeménková, M. Pugnerová	1733
AUTONOMY AND THE DISABLED ADULT. A FACTOR OF PERSONAL DEVELOPMENT AND A RESOURCE TO A GROWING SOCIETY V. Friso	1741
<b>EVALUATING THE APPLICATION OF EDUCATIONAL COACHING FOR THE DEGREE</b> <b>IN CHEMISTRY</b> <i>S. Fdez-Ortiz de Vallejuelo, A. Gredilla, A. de Diego, J.M. Madariaga</i>	1748
WIDENING THE PROFESSIONAL COMPETENCES OF STUDENTS BY INCLUDING THEM IN ACADEMIC RESEARCH PROJECTS M.S. Nikolova, S. Denchev, V. Nikolova, S. Vasileva	1757
<b>TEACHING CHEMICAL ANALYSIS USING CRITICAL THINKING AND A</b> <b>CONSTRUCTIVIST METHODOLOGY</b> <i>A. Gredilla, S. Fdez-Ortiz de Vallejuelo, A. de Diego, J.M. Madariaga</i>	1761
CAREER ANCHORS OF DOCTORAL STUDENTS J. Jirsáková, L. Herout	1766
SEARCHING ALGORITHMS AND A COMPARISON METHODOLOGY, USED IN STUDYING ARTIFICIAL INTELLIGENCE M. Petrova, D. Atanasova	1767
THE IDENTITY OF YOUNG DIGITAL GAME-BASED LEARNER: A REVIEW OF RECENT RESEARCH J. Kasperiuniene, U. Ilodigwe	1776
MEMORIZATION TECHNIQUES TO TEACH L2 ENGLISH VOCABULARY TO DYSLEXIC STUDENTS S. Noccetti	1781
MODELING THE PREDICTION OF STUDENTS' SUCCESS IN THE CONTEXT OF SMALL UNIVERSITIES L. Petkovova, D. Hartman	1791
THE SPECIFICITY OF FORMING THE STUDENTS' HYPERTEXT COMPETENCE IN THE MULTIMEDIA ENVIRONMENT OF THE FOREIGN LANGUAGE NETWORK SEGMENT	1801

H. Bourina, L. Dunaeva

CLASSROOM QUIZZES WITH SOCRATIVE AS A REVISION AND SELF-ASSESSMENT METHOD IN FINANCE S. Baixauli-Soler, M. Belda-Ruiz, M.I. Martínez-Serna, J. Yagüe	1806
THE INCIDENCE OF BURNOUT SYNDROME IN THE TEACHER'S PROFESSION L. Herout, J. Jirsáková	1813
MULTISEMIOTIC PRESENTATION AND MULTIMODAL TECHNIQUES FOR ADULTS WITH DEVELOPMENTAL DYSLEXIA LEARNING L2 ENGLISH S. Noccetti	1818
A DYNAMIC-BOOSTER AND ATTENDANCE-TRACKING APP FOR INTERACTIVE CLASSROOM TEACHING A. Brunete, R. Cedazo	1827
<b>THE EXPERIENCE WITH COMPUTER-ADAPTIVE-TESTING IN MATHEMATICS</b> D. Smetanová, P. Chládek, M. Šulista	1834
AN EVALUATION OF STUDENT ENGAGEMENT AND EXPERIENTIAL LEARNING USING ENTERPRISE APPLICATION TESTING S. McNamarah, C. DeLisser	1841
REASONS FOR FAILURE OF UNIVERSITY STUDENTS - A PILOT STUDY INTEGRATING TRADITIONAL SURVEYS AND INTERVIEWS L. Petkovova, J. Stribrska, J. Brhelova	1847
IMPLEMENTATION OF OBJECTIVE STRUCTURED PRACTICAL EXAMINATION FOR THE ASSESSMENT OF PRACTICAL SKILLS IN LABORATORY SESSIONS B. Sáez, A. Flores, M.P. Ros, M.M. Caja, M. Bailén	1854
INTRODUCING HIGH-SCHOOL STUDENTS TO CONTEMPORARY MATHEMATICS THROUGH MATHEMATICS-NEWS-SNAPSHOTS; NETWORKING WITH MATHEMATICS EDUCATORS ABOUT MEETING THE CHALLENGE N. Movshovitz-Hadar, R. Segal, K. Shir, A. Shriki, B. Silverman, V. Zigerson	1862
FURTHER EDUCATION OF PEDAGOGICAL STAFF IN THE CZECH REPUBLIC L. Herout, K. Tomšíková	1866
<b>BEMYPLACE, A MEDIATION LEARNING PROCESS IN THE FIELD OF DESIGN</b> B. Di Prete, V.M. Iannilli, A. Rebaglio, A. Spagnoli	1872
<b>DEVELOPMENT OF PUPILS' SCIENCE AND TECHNICAL THINKING – CASE STUDY</b> S. Hubalovsky, M. Hubalovska, P. Krejci	1880
REINFORCEMENT OF TEACHER-STUDENT-KNOWLEDGE RELATIONSHIPS THROUGH THE USE OF LOW-COST WEB TOOLS AND THE USE OF SOCIAL NETWORKS AS A SUPPORT FOR COLLECTIVE INTELLIGENCE M.A. Muñoz-García, A. Moya, G. Moreda, F. Ruiz Mazarrón, L. Lleó, S. Moreno, L. Rodríguez Sinobas, B. Diezma Iglesias, S. Romero-Muñoz, C. Martínez Varela	1887
PREFERENCES OF THE STUDENTS OF POST-SECONDARY HIGH SCHOOLS WITH ECONOMIC PROFILES AND THE QUALITY OF FINANCIAL ACCOUNTING TEACHING E. Spigarska, G. Bucior, J. Kujawski	1893
FLIPPED LEARNING IN A HIGH SCHOOL IN ROME. A CASE STUDY F. Bordini	1900
<b>THE ASSESSMENT OF AN ONLINE COLLABORATIVE PROJECT BASED LEARNING</b> <i>M. Guitert, T. Romeu Fontanillas, M. Romero</i>	1909
ENGAGING MUSIC STUDENTS THROUGH MINECRAFT D. Abrahams	1916
TEACHING ADULTS THROUGH THE ARTS USING MEZIROW'S TRANSFORMATIVE LEARNING THEORY G. Mega	1922
<b>EXPERIENTIAL LEARNING THROUGH SCALE STRUCTURAL MODELS</b> S. González-Rodrigo, B. González-Rodrigo, F. Magdalena Layos, G. García-López de la Osa	1928
LEARNING CURVES: INSIGHTS AND CONFLICTS TOWARDS MORE EFFECTIVE LEARNING R. Aylward	1935
FROM THEORETICAL KNOWLEDGE TO REFLECTION ABOUT DIGITAL MEDIA: A STUDY ABOUT EPISTEMIC AWARENESS OF IN-SERVICE TEACHERS G. Marci-Boehncke, T. Vogel	1944
EDUCATIONAL KITS IN THE CLASSROOM: LEARN BY TESTING S. González-Rodrigo, G. García-López de la Osa, F. Magdalena Layos, B. González-Rodrigo	1951

<b>A MULTIDISCIPLINARY APPROACH TO DESIGN EDUCATION</b> E. Chiodo, M. Aquila, D. Gallo	1955
CHANGE FROM WITHIN: USING DESIGN THINKING TO BUILD A FUTURE PROOF LEARNING ENVIRONMENT BOTTOM-UP M. Ghyselinck, A. Demol, J. Van Landeghem	1963
<b>EXPERIENCE DESIGN: STORYTELLING AND VISUAL NARRATIVES</b> E. Chiodo, M. Aquila, D. Gallo	1971
THE PROCESS OF ACQUIRING QUALITY CERTIFICATION MARK IN THE FIELD OF HUMAN RESOURCES "HR EXCELLENCE IN RESEARCH AWARD" AT THE GLOBAL CHANGE RESEARCH INSTITUTE CAS – CZECHGLOBE H. Šprtová, M. Šprtová	1979
DISCUSSING DIGITAL MEDIA AND OPENING EYES FOR CONSTRUCTIVIST LEARNING CHANCES: A QUALITATIVE-EMPIRICAL STUDY ABOUT PRE-SERVICE TEACHERS BELIEFS AND A META-COGNITIVE REFLECTION TOOL FOR EDUCATION G. Marci-Boehncke, M. Delere	1980
DESIGN AND IMPLEMENTATION OF AN ENVIRONMENTAL EDUCATIONAL PROGRAM "ENVIRONMENTAL FAIRY TALES" FOR THE PUPILS OF PRIMARY AND LOWER-SECONDARY SCHOOLS AND THE EVALUATION OF ITS EFFECTIVITY V. Pavlátová	1986
DESIGN, IMPLEMENTATION AND EVALUATION OF AN ENVIRONMENTAL EDUCATIONAL BOARD GAME "DON'T GIVE UP, PLANET!" FOR PRIMARY AND LOWER-SECONDARY SCHOOL PUPILS V. Pavlátová	1993
SCUOLA&SPORT PROJECT: FOR AN ETHIC OF EDUCATIONAL INNOVATION S. Greco, F. Benedetti	2001
TEACHERS' BELIEFS IN MEDIA AND WHETHER THEY CAN BE MODIFIED: A COMPARATIVE STUDY, EXAMINING FIRST YEARS AND ADVANCED STUDENTS FROM DIFFERENT FORMS OF EDUCATION <i>M. Delere, M. Rath</i>	2010
<b>REALISED VALUES OF DUAL TRAINING IN HIGHER EDUCATION – OPPORTUNITIES</b> <b>AND BARRIERS OF MEASUREMENT</b> <i>A. Antal, Z. Tóth, I.Z. Palányi, L.M. Balázsné, A. Deákné Gál, M. Lambertné Katona</i>	2017
FUNCTIONAL THINKING OF FUTURE MATHEMATICS TEACHERS M. Slavíčková, M. Vargová	2028
DISTANCE FURTHER TRAINING COURSE OPPORTUNITIES IN THE DEVELOPMENT OF METHODOLOGICAL COMPETENCE OF A FOREIGN LANGUAGE TEACHER A. Dubakov, J. Olar, T. Khilchenko	2037
THE PERSPECTIVE OF HIGHER ARTS AND DESIGN EDUCATORS ON TEACHING COMPUTER PROGRAMMING E. Morais, C. Morais, J. Paiva	2043
BLENDED LEARNING: SIMULATION OF AN INTERNATIONAL SCIENTIFIC CONFERENCE TO TEACH IT STUDENTS RESEARCH SKILLS P. Brockmann	2051
<b>COMPUTER PROGRAMMING ACCEPTANCE BY STUDENTS IN HIGHER ARTS AND</b> <b>DESIGN EDUCATION</b> <i>E. Morais, C. Morais, J. Paiva</i>	2058
<b>SELF-ASSESSMENT AND IMMEDIATE FEEDBACK IN LANGUAGE LEARNING</b> P. Krystalli, P. Arvanitis	2066
THE PLATFORM FOR UPDATING THE BIOPHYSICAL CURRICULUM IN THE GENERAL MEDICINE STUDY PROGRAM Z. Balázsiová, D. Kosnáč, M. Trnka	2073
THE MINIMUM EFFECTIVE DOSE: USING LINGUISTIC ANALYSIS, TECHNOLOGY, PATTERNED INSTRUCTION, AND TARGETED RECALL TO ASSIST STUDENTS IN ACQUIRING WRITING SKILLS AND PROFESSIONAL COMPETENCE E. Thornquist	2079
A CUSTOMISED INTERACTION WEB TOOL IN LECTURES FOR JOINT PROGRAMME STUDENTS IN CHINA N. Yao, Z. Fu, J. Wang	2085
DESIGNING A NURSING HOME IN THE ASPECT OF QUALITY ASSESSMENT IN ARCHITECTURE I. Benek	2093

BANKING ON CSR: WIN-WIN STRATEGIES FOR SPANISH BANKS IN LATIN	2099
<b>AMERICA. A CASE STUDY IN ETHICS AND STRATEGIC MANAGEMENT</b> E. Aracil, F.J. Forcadell	
UNIVERSALISING SECONDARY EDUCATION IN INDIA: SEEKING EFFICIENCY, EFFECTIVENESS AND EQUITY IN PLANNING ENHANCED ACCESS AND IMPROVED QUALITY S. Jha, D.M. Nongrum, D.P. Wahlang	2108
<b>NEW DIMENSIONS OF LEARNING SPACE – IMMERSIVE TRAINING SYSTEMS</b> <i>P.N. Moreira da Silva, N. Pais, G. Rodríguez, J. Rodrigues</i>	2118
<b>CAPABILITY APPROACH, EQUALISATION OF EDUCATIONAL OPPORTUNITIES AND</b> <b>SUSTAINABLE DEVELOPMENT</b> S. Jha, D. Lyngdoh, A. Marak	2125
IMPLEMENTATION OF INQUIRY BASED LEARNING DURING THE FIRST TWO YEARS IN BIOTECHNOLOGY DEGREE E. San José, B. Sáez, M.P. Ros, M. Bailén, A. Flores, E. Jiménez, R. López	2133
GUIDELINES TO IMPLEMENT WORKPLACE LEARNING IN A CURRICULUM J.C. Callens	2142
SIGNIFICANCE AND EFFICIENCY OF PEDAGOGICAL COMMUNICATION IN FOREIGN LANGUAGE TEACHING S. Hubackova	2143
<b>LEARNING DESIGN, LEARNING ANALYTICS, AND LEARNING MANAGEMENT SYSTEMS</b> M. Godsk, J.B. Bennedsen, R.F. Hougaard	2149
HELPING FRESHMEN TO SUCCEED: A WEB SYSTEM TO ENCOURAGE TIMELY STUDY M. Ronchetti	2155
<b>RESEARCH ON LEGAL TERMINOLOGY TEACHING TO NON-LAWYERS</b> N. Dugalich, N. Alontseva, Y. Ermoshin	2159
THE 3D ANIMATION OF CULTURAL HERITAGE OBJECTS AS AN INNOVATIVE INSTRUMENT FOR VOCATIONAL TRAINING AND EDUCATION N. Palikova, A. Milanova	2164
INFORMAL LEARNING PROVIDERS - A NATURAL RESPONSE TO THE 21ST CENTURY SOCIETY NEEDS OF LIFELONG LEARNING A.M. Udroiu, M.D. Pentelescu, M. Dumitrache	2172
PHYSICAL MODELS IN ARCHITECTURAL EDUCATION AND THE USE OF NEW TECHNOLOGIES K. Kristianova, V. Joklova, I. Meciar	2177
<b>CONTEXTUALIZATION OF CULTURAL HERITAGE OBJECTS THROUGH AN</b> <b>INTERACTIVE PLATFORM AS A TOOL FOR RESEARCH AND EDUCATION</b> <i>N. Palikova, A. Milanova, E. Kovatcheva</i>	2184
<b>PEDAGOGICAL TECHNIQUES IN A CONNECTED WORLD - INCREASED</b> <b>ENGAGEMENT AND RETENTION RATES WITH TECHNOLOGY</b> <i>R. Trevino, B. Leikach, A. Cohen-Solal</i>	2190
<b>DEVELOPING STUDY COURSE MATERIALS FOR FOREIGN STUDENTS: CULTURE</b> <b>MARKER MODEL APPLICATION AND PREFERENCE EXTRACTION AUTOMATION</b> <i>G. Vitols, I. Ivanova, Y. Hirata</i>	2191
HETEROGENEOUS TEAMS IN DESIGN EDUCATION: ASSESSING THE IMPACT OF DIVERSITY ON TEAMWORK THROUGH A CASE STUDY F. Mattioli, M.O. Ingaramo	2197
PARENTS AS PARTNERS IN THE PROVISION OF QUALITY EDUCATIONAL SERVICES FOR PRIMARY SCHOOL PUPILS WITH HEARING IMPAIRMENT IN AKWA- IBOM STATE, NIGERIA F. Uko, M. Orim	2203
ADDRESSING THE OBJECTIVES FOR A SUSTAINABLE DEVELOPMENT: EXPLAINING SCIENCE BEYOND RESIDUES SEPARATION AND RECYCLING M. Rodríguez Delgado, M. Barceló-Oliver	2212
<b>SOME KEY RECOMMENDATIONS COVERING EDUCATION IN NATIONAL SECURITY</b> S. Tsekova, R. Manolova	2219
SYSTEMATIC APPROACH TO ENHANCE THE PARTICIPATION OF CONSTRUCTION INDUSTRY SMES IN APPRENTICESHIP PROGRAMS: CO.TUTOR PROJECT J. González, R. Sánchez, E. Rodríguez	2224

THE PLACE OF THE LIBRARY IN THE INCLUSIVE EDUCATION IN BULGARIA S. Eftimova	2234
<b>PROMOTING CONTINUING HEALTHCARE EDUCATION DURING THE DAILY</b> <b>CLINICAL WORK</b> <i>L. Messineo, M. Gentile, D. La Guardia, N. Alessi, M. Allegra</i>	2240
FACTORS INFLUENCING CAREER CHOICE AMONG UNDERGRADUATES IN COVENANT UNIVERSITY, NIGERIA A. Okojide, O. Adekeye, E. Bakare	2246
<b>RELATIONSHIP BETWEEN SPATIAL REASONING SKILLS IN FIRST YEAR</b> <b>INDUSTRIAL ENGINEERING STUDENTS</b> <i>F. Gómez Hermosa, L. Miravet Garret, F.J. Ortíz Zamora, C. Ladrón de Guevara Muñoz, F. Nieto Reigal</i>	2253
COMPARISON OF E-ASSESSMENT SYSTEMS MAPLE T.A. AND WEBWORK A. Jahodova Berkova, I. Matousova	2259
SCHOOL FACTORS AS CORRELATES OF PARENTS' CHOICE OF SCHOOL FOR CHILDREN WITH HEARING IMPAIRMENT IN AKWA-IBOM STATE, NIGERIA F. Uko	2269
<b>EXPERIENCES AFTER PARTICIPATION IN SERVICE-LEARNING ACTIVITIES SUCH AS</b> <b>FINAL DEGREE PROJECT IN PHYSIOTHERAPY</b> <i>A. Buesa-Estéllez, M. Francín-Gallego, S. Pérez-Palomares, R. Lafuente-Ureta, R. Fortún-Rabadan, C.</i> <i>Jiménez-Sánchez</i>	2277
FEMALE SPANISH SCIENTISTS: A WORLD TO DISCOVER E. Rodriguez-Rodríguez, A. Aparicio, M.L. Delgado, B. López Ruiz, A.M. López-Sobaler, I. Mateos- Aparicio Cediel, M.M. Molina, R.M. Ortega Anta, M. Sánchez-Paniagua López, M.P. Sevilla Sierra, A. Amores, C. Bodas Folguera, E. Cuadrado-Soto, R.T. Jiménez de la Peña, A. Peral, J. Raggio Quilez	2285
ACADEMIAUP: EMPOWERING DISTANCE EDUCATION AT UNIVERSITY OF PORTO T. Correia, S. Leitão, M. Amaral, N. Regadas	2289
MENTORING PROGRAMME DEVELOPMENT IN UNIVERSITIES IN NIGERIA A.N. Ohia, C.C. Ukala	2307
HOW DIGITAL COMMUNICATION TRENDS ENRICH E-LEARNING FOR PRE- SERVICE TEACHERS AND STUDENTS: A MIXED-METHODS STUDY G. Boehncke	2312
<b>VIDUCATION: ANIMATED VIDEOS FOR CLOUD COMPUTING EDUCATION</b> <i>T. Baker, M. Hanneghan, A. Hussien, A. Housden, L. Duffy, P. Kot</i>	2318
CHALLENGES LEARNERS FACE WHEN CHOOSING SUBJECTS: WHEN TO CHOOSE MATHS! T. Ramarumo, E.L. Sesale, S.M. Seeletse	2324
THE ROLE OF VIDEO LECTURES AND MASS MEDIA ARTICLES IN READING A SCIENTIFIC PAPER IN ESL STUDENTS A. Bobunova	2328
HIGH FIDELITY SIMULATION OF CONTRAST MEDIA ADVERSE REACTIONS AS A LIFELONG LEARNING OPPORTUNITY: A PILOT STUDY R. Pereira, P. Martins, J. Lindo, P. Sardo, A. Nunes, E. Melo, D. Chaló	2332
THE USE OF ADVENTURE EDUCATION METHODS FOR THE DEVELOPMENT OF COMMUNICATION COMPETENCY OF MILITARY LEADERS FROM THE VIEW OF STUDENTS I. Nekvapilová, J. Fedorková, Z. Mikulka	2339
TEACHING ENTREPRENEURSHIP, DIGITALIZATION, LEADERSHIP, AND GENDER AT THE SAME TIME – HOW A NEW LEARNING APPROACH INTEGRATES ALL FOUR PERSPECTIVES J. Kirch, B. Eisenbart	2348
TEACHING PROFESSIONAL ETHICS IN THE SYSTEM OF MILITARY TERTIARY EDUCATION WITH THE USE OF ADVENTURE EDUCATION Z. Mikulka, I. Nekvapilová, J. Fedorková	2357
ACCREDITATION EXERCISE AS A QUALITY ASSURANCE INSTRUMENT IN THE MANAGEMENT OF UNIVERSITIES IN THE RIVERS OF NIGERIA: PROSPECTS AND CHALLENGES	2367
C.C. Ukala, A.N. Ohia THE CURRENT STATUS OF SOCIAL RISKS ON EDUCATIONAL SYSTEMS. AN ANALYSIS THROUGH SOCIAL MEDIA J.I. Peláez, G. Vaccaro, F.E. Cabrera	2374
BUILT HERITAGE RESEARCH AND EDUCATION: IBERIAN EXPERIENCE A. M.T. Martins, E. Mosquera-Adell, M.T. Pérez-Cano, L. Royo-Naranjo, J.M. Aladro-Prieto	2382

<b>COGNITIVE ENHANCEMENT AND 3D PRINTER IN KINDERGARTEN: AN</b> <b>EXPLORATORY STUDY</b> <i>S. Mori, J. Niewint, C. Beni</i>	2388
ACCESSIBILITY REVIEW FOR WEB-BASED LEARNING TOOLS AND MATERIALS L. Marco, S. López-Pernas, A. Alonso	2393
INCREASING THE EFFECTIVENESS OF THE RUSSIAN FEDERAL UNIVERSITIES' INTERNATIONALIZATION V. Beliaeva	2403
A COLLABORATIVE GAMIFICATION DESIGN FRAMEWORK IN AN EDUCATIONAL CONTEXT A. Saggah, R. Campion, C. Stanier	2410
<b>TEACHERS AND FLIPPED CLASSROOM: AN ACTION RESEARCH TO UNDERSTAND</b> <b>THE CHANGING</b> <i>S. Mori, F. Rossi, A. Turchi, P. Nencioni</i>	2415
HOW DO PERFORMERS INCREASE THEIR WELLBEING? AN INVESTIGATION AMONG MUSIC AND THEATER PROFESSIONALS V. De Luca, D. Lombardi, C. Cruder, M. Pucciarelli	2423
A STUDY ON INTEGRATION OF ICT RESOURCES IN STEM EDUCATION - UTILITY ASSESSMENT V. Terzieva, Y. Pavlov, N. Dobrinkova, E. Paunova-Hubenova	2434
TYPOLOGICAL AND STYLE PECULIARITIES OF DESIGN TRAINING: REFLEXIVE ANALYSIS OF PEDAGOGICAL EXPERIENCE Z. Senuk, L. Boronina	2444
DESIGNING METHODOLOGY FOR THE INTEGRATION OF 3D PRINTING TO THE MECHANICAL ENGINEERING CURRICULUM USING VIRTUAL 3D LEARNING ENVIRONMENT V. Kozov, G. Ivanova, A. Ivanov	2451
ICT SUPPORT OF INQUIRY-BASED MATH TEACHING AT ELEMENTARY SCHOOLS IN THE OLOMOUC REGION OF THE CZECH REPUBLIC D. Nocar, Q. Tang, J. Laitochová, K. Bártek, T. Zdráhal	2459
THE ROLE OF HERMENEUTIC AS A THEORETICAL FRAME IN CURRICULUM PLANNING AND PROGRAMMING IN PEDAGOGICAL WORK WITH GIFTED STUDENTS <i>M. Karamatić Brčić</i>	2465
TEACHING METHODOLOGY LEADING PROJECT AND PROBLEM BASED LEARNING TO DEVELOP AGRICULTURE MACHINES SOLUTIONS SOLVING REAL-LIFE PROBLEMS	2473
J.A. Almazan-Lazaro, E. Lopez-Alba, M.A. Almazan-Lazaro, L. Felipe-Sese, A. Molina-Viedma, F.A. Diaz-Garrido	
THE POTENTIAL OF EDUCATIONAL MAZE GAMES FOR TEACHING IN PRIMARY SCHOOLS V. Terzieva	2480
<b>METACOGNITION AND MOTIVATION RELATIONSHIP IN A HYBRID PBL</b> <b>APPROACH</b> <i>P. Morales Bueno, R. Santos Rodas</i>	2490
DIGITAL RESOURCE TRENDS IN EDUCATION IN ETHNIC AREAS OF CHINA Q. Tang, J. Laitochová, Y. Lei, D. Nocar	2497
SYNERGY OF MATHEMATICS, INFORMATICS AND INNOVATIVE DIDACTICS (ON THE EXAMPLE OF RETRAINING OF TEACHERS OF MATHEMATICS) S. Dvoryatkina, S. Shcherbatykh, L. Shcherbatykh	2503
<b>POTENTIAL BENEFITS OF MATHS EXCURSIONS TO SAFEGUARD SWAYING AWAY</b> <b>IN A HEALTH SCIENCE INSTITUTION</b> <i>O.P. Mokoena, G. Rakale, R.M. Molaba, S.M. Seeletse</i>	2510
<b>EDUCATING SHOW DESIGN USING HUMANOID ROBOTS - A CASE STUDY</b> <i>G. Winterfeldt, S. Krebs</i>	2515
GAMIFICATION OF LEARNING AND STUDENT ENGAGEMENT K. Papazoglou, M. Janikian, D. Paizi	2522
BARRIERS TO CURRICULUM COMPLETION P.C. Okpala	2531
ANALYSIS OF UNIVERSITY STUDENTS' ABILITIES IN RELATION TO TIME MANAGEMENT I. Kmecová	2532

<b>COMPARATIVE STUDY OF ACADEMIC ADVISING PRACTICE IN PUBLIC AND</b> <b>PRIVATE UNIVERSITIES IN NIGERIA</b> <i>R. Tobi-David, O. Adekeye, J. Odukoya</i>	2538
<b>DIFFERENCES BETWEEN DISTANCE AND FACE TO FACE LEARNING</b> <i>M.R. Frontera, A. Jimenez Sanchez, J.M. Lavín</i>	2547
GENDER AND PARENTS' EDUCATIONAL QUALIFICATIONS ON ACHIEVEMENT MOTIVATION OF COVENANT UNIVERSITY STUDENTS R. Tobi-David, O. Adekeye, A. Adebayo	2556
HOW TO DEVELOP PROFESSIONAL SKILLS IN TEACHERS IN THE ILLUSTRATION, COMIC, ANIMATION AND VIDEO GAME INDUSTRIES M. Echevarria Aguirre, A. Berroya Elosua, D. Arteagoitia García	2563
IMPLEMENTATION OF A SERVICE LEARNING METHODOLOGY TO INCREASE MOTIVATION AND REDUCE SCHOOL DROPOUT IN HIGH SCHOOL STUDENTS S. Blanco, M.B. Muñoz, M. Alberti, A. Enfedaque, M. Romana, A.L. Lara	2570
EASY APPLIED SCIENCES LEARNING THROUGH OPEN SOURCE REMOTE LABORATORY C. Lavayssière, B. Letowski, B. Larroque, F. Luthon	2576
CROWDSOURCING IDENTITIES: ONE WAY TO THINK ABOUT YOUNG PEOPLE'S MAKING OF IDENTITY IN CONDITIONS PROPOSED BY CONTEMPORARY, DIGITAL TECHNOLOGIES? C. Hällgren	2584
INFLUENCES ON EXTERNAL STAKEHOLDER ENGAGEMENT AND ITS MEASUREMENT IN IRISH HIGHER EDUCATION INSTITUTIONS R. Vancelee, R. Kelly	2589
21-CENTURY CHALLENGES AND OPPORTUNITIES FOR PHYSICS EDUCATION IN THE LATVIAN EDUCATIONAL CONTEXT L. Juskaite	2600
THE USE OF MULTIPLE DEVICES IN BLENDED LEARNING – FINDINGS OF THE ERASMUS+ PROJECT "TECHNICAL INNOVATION IN BLENDED LEARNING" P. Mazohl, H. Makl, E. Ossiannilsson	2608
INNOVATIONS FROM INTERSECTIONS AND UNIONS OF COMPUTER SCIENCES AND STATISTICS IN AN EMBRYONIC HEALTH SCIENCE INSTITUTION T. Hungwe, E.L. Sesale, G.R. Miyambu, T. Ramarumo, S.M. Seeletse	2614
THE SMART TEXTILE PROBLEM AND ITS IMPLICATION FOR TEACHING L. Tandler	2618
<b>DESIGN AND DEVELOPMENT OF A MECHATRONICS LEARNING KIT</b> L. Maestro García, D. Granados-López, D. González-Peña, M.I. Dieste-Velasco, M. Díez-Mediavilla, C. Rodríguez-Amigo, T. García-Calderón, C. Alonso-Tristán	2625
LOOKING FOR NEW WAYS TO GROW: A HYDROPONIC INDOOR GARDEN AT SCHOOL TO IMPROVE STEM EDUCATION AND 21ST CENTURY SKILLS L. Guasti, J. Niewint-Gori	2631
THE RELATIONSHIP BETWEEN COPING STRATEGIES AND WORKPLACE BULLYING IN ELEMENTARY SCHOOL TEACHERS S. Dobešová Cakirpaloglu, T. Čech, J. Kvintová, V. Štenclová, L. Křeménková	2641
<b>LEARNING MECHANICAL CONCEPTS THROUGH STEAM METHODOLOGY AND</b> <b>NEW TECHNOLOGIES</b> <i>L. Maestro García, I. Greca Dufranc, M. Díez-Mediavilla, M.I. Dieste-Velasco, C. Rodríguez-Amigo, T.</i>	2649
García-Calderón, C. Alonso-Tristán THE RELATIONSHIP BETWEEN ANXIETY AND SOCIAL COMPETENCES IN PRE- SERVICE TEACHERS	2650
S. Dobešová Cakirpaloglu, L. Křeménková, J. Kvintová, S. Lemrová STUDY ABROAD: BENEFITS FROM A HOST COUNTRY AGENCY PARTNERSHIP D. Sams	2655
ARTISTS WITH MENTAL DISORDERS IN THE SPACE OF CULTURE - A SYSTEM FOR SUPPORT OF MUSICAL EDUCATION IN THE INTEGRATIVE SONG AND DANCE ENSEMBLE 'MAZOWIACY' IN WARSAW L. Ploch	2656
<b>EXPLAINING MATHS THROUGH CHEMISTRY</b> D. Herráez-Aguilar, R. Perezan, M.A. González, M. Arroyo-Hernández	2662
INCORPORATING PAUSE PROCEDURE IN A FLIPPED CLASSROOM TO ENHANCE STUDENT LEARNING OF IRISH SYNTAX C. Dawson	2668

PERCEPTION AND ATTITUDE OF STUDENTS TOWARDS DISCIPLINE IN SELECTED SECONDARY SCHOOLS IN OTA O. Adekeye, A. Gesinde, A. Nwabueze, A. Adebayo	2669
DEVELOPING A NEXT GENERATION LEARNING SPACE IN A RESIDENTIAL MINORITY LANGUAGE LEARNING CENTRE IN IRELAND C. Dawson	2678
THE CHALLENGE OF THE FORMATION OF EFFECTIVE PERSONALITY IN UNIVERSITY EDUCATION. THE CASE OF THE STUDENTS OF TEACHING G. Merma-Molina, D. Gavilán Martín, B. Blanes Mora	2679
THE DEVELOPMENT OF RESEARCH COMPETENCES AND THE MASTERY OF CONTENTS IN THEORY AND HISTORY OF EDUCATION G. Merma-Molina, M.A. Martínez Ruiz, D. Gavilán Martín	2685
<b>OPEN PAIR/GROUP WORK AS CONTACT EDUCATIONAL TECHNOLOGY IN HIGHER</b> <b>SCHOOL</b> <i>E. Kitaeva, N. Medina Brakamonte, O. Senichkina</i>	2691
<b>DEVELOPMENT OF AN INTEGRATING RESEARCH-BASED LEARNING PROJECT IN THE DEGREE IN BIOTECHNOLOGY AT UNIVERSIDAD EUROPEA DE MADRID</b> V. Moral Darde, S. Moreno Perez, A. Perona Requena, J. Rivera-Torres, J. Fernandez Lucas, D. Hormigo Cisneros, R. Lopez Fontal	2699
CAN FREQUENT CLASSROOM TESTING IMPROVE THE UAEU STUDENTS' LEARNING EXPERIENCE? S. Boudelaa	2707
STRESS OF PARENTS BRINGING UP CHILDREN WITH INTELLECTUAL DISABILITY L. Ploch	2708
COORDINATION, TRANSVERSALITY AND PROFESSIONAL SKILLS IN ACTUARIAL EDUCATION M.C. Mayorga-Toledano, A. Fernández-Morales	2714
<b>PROPOSAL FOR A FRAMEWORK FOR DIGITALIZATION IN EDUCATION</b> H. Schuhbauer	2720
USING SERIOUS GAMES IN HIGHER EDUCATION. AN APPLICATION IN ACTUARIAL STUDIES A. Fernández-Morales, M.C. Mayorga-Toledano	2727
ADULET: AN INNOVATIVE COMMUNITY OF PRACTICE FOR HIGHER EDUCATION I. Chumbo, V. Gonçalves, E. Mendes Silva, M.R. Patrício	2735
HOW DO WE ASSESS TEACHER STUDENTS IN PHYSICAL EDUCATION AND RELIGIOUS EDUCATION? SIMILARITIES AND DIFFERENCES A.R. Jenssen, C.S. Jørgensen	2740
NATURE AND QUALITY OF IN-SERVICE TRAINING FOR MATHEMATICS TEACHERS IN TAUNG AREA J. Owusu Mensah	2748
ASSESSMENT OF THE FOREIGN LANGUAGE COMPETENCE: FROM NURSERY TO UNIVERSITY	2749
E. Startseva, E. Notina, I. Bykova, V. Ulyumdzhieva, V. Byakhova <b>PISA SURVEY AS A SOURCE OF THE PROCEDURES FOR COGNITIVE LABORATORY</b> <b>ASSESSMENT (VERBAL PROBING TECHNIQUE) IN DEVELOPMENT OF SCIENCE</b> <b>ITEMS FOR STUDIES IN EDUCATION – POLISH EXPERIENCES</b> <i>M. Chrzanowski, B. Ostrowska</i>	2752
<b>INTERNET ADDICTION AND YOUTH SELF-ESTEEM WITH LIFE SATISFACTION</b> M. Muchacki	2763
<b>EXTRACTING KNOWLEDGE FROM THE OLD TESTAMENT: A SEMANTIC APPROACH</b> <b>ANALYSES USED IN EDUCATION</b> <i>R.C. Popa, N. Goga, A. Doncescu</i>	2768
EXPERIMENTAL DESIGN AND SCIENTIFIC METHOD IN SCIENCE ITEMS USED IN PISA SURVEY AND LABORATORY OF THINKING STUDY M. Chrzanowski, B. Ostrowska	2774
SCOUTING AS AN ELEMENT OF EDUCATION ORIENTED TOWARDS THE CHALLENGES OF UPBRINGING OF YOUNG PEOPLE IN THE 21ST CENTURY R. Roguski, A. Roguska	2775
COMPUTER PLAYERS AS PARTICIPANTS OF EDUCATIONAL PROCESSES ON THE WEB M. Muchacki	2782

ANALYSIS OF THE USE OF TEACHING METHODS AMONG UNIVERSITY TEACHERS SUPPORTING THE DEVELOPMENT OF ENTREPRENEURIAL SKILLS I. Kmecová	2787
DEVELOPING EAP (ENGLISH FOR ACADEMIC PURPOSES) SKILLS AMONG POSTGRADUATE STUDENTS AT A LATIN-AMERICAN PUBLIC UNIVERSITY IN AN ONLINE LEARNING ENVIRONMENT THROUGH E-TASKS L. Tamayo	2794
USING SOFTWARE SIMULATION FOR DEVELOPMENT OF ICT SKILLS IN SECONDARY EDUCATION J. Lasić-Lazić, A. Pongrac Pavlina, K. Pavlina	2803
<b>COMPETENCE-BASED EDUCATION THROUGH THE APPLICATION OF LEAN</b> <b>CANVAS METHODOLOGY: AN EMPIRICAL APPROACH</b> J. Villagrasa, A. Conchado	2808
THE EFFECT OF IMPLEMENTING PROJECT-BASED LEARNING ON IMPROVING FIRST-YEAR ENGINEERING STUDENT LEARNING OUTCOMES AND EXPERIENCE L. Amleh	2817
A DIGITAL BEHAVIOURAL ASSESSMENT APPLICATION TO APPLY POSITIVE BEHAVIOUR SUPPORT IN SCHOOL WIDE INTERVENTION G. Chiazzese, A. Chifari, G. Merlo, E. Mariscalco, A. Mirisola, I. Giammusso, O. Di Giuseppe, P. Denaro, D. Taibi, L. Seta, S. Boca	2824
<b>HEALTH EDUCATION PROGRAM IN MADAGASCAR: COMMUNITY ENGAGEMENT</b> <b>AND YOUTH PARTICIPATION</b> <i>D. Cauchie, M. Bruyninckx, G. Coulon</i>	2830
BALANCE BETWEEN PROFESSIONAL AND PERSONAL LIFE FOR WOMEN AT UNIVERSITY B. Begines, R. Aguilera, M. Perez-Aranda, C. Rangel, G. Martínez, E. Rodríguez, O. Calvillo, R. Recio, E. Benito, V. Valdivia, I. Molina, A. Alcudia, M. Bueno	2839
INCREASE PRODUCTIVITY AND PERFORMANCE BY TRAINING YOUR MIND AND BODY TO DANCE: NEUROSCIENCE RESEARCH CONFIRMS APPLYING THE 6 C'S PARALLEL TO DANCE CAN LEAD TO GREATER SUCCESS IN BUSINESS V. Nazemoff	2846
STUDENTS AS TEACHERS: EXPLORING MASTER'S STUDENTS CAPABILITIES ON INDUCTIVE KNOWLEDGE ON CONSUMER BEHAVIOUR M. Gallarza, R. Sánchez-Fernández	2851
MOODLE QUESTIONNAIRES AS A SELF-ASSESSMENT TOOL FOR MEETING THE CHALLENGES OF DIVERSITY IN STUDENTS' BACKGROUND KNOWLEDGE E. Sales-Setién, I. Peñarrocha-Alós	2858
<b>TOOLS FOR TEACHERS TO IMPROVE PRODUCTIVITY</b> R. Aguilera, B. Begines, C. Rangel, M. Perez-Aranda, G. Martínez, O. Calvillo, E. Rodríguez, E. Benito, V. Valdivia, R. Recio, I. Molina, A. Alcudia, M. Bueno	2865
PILOT STUDY OF A NEW TRAINING FOR PROFESSIONALS WORKING ON AUTISM FROM A TRANSNATIONAL APPROACH: IPA+ PROJECT A. Doñate-Martínez, J.L. Cuesta, A. Guardiola, C. Garate, C. Gil, C. García, I. Cottinelli, A. Afonso, T. Morgado, N. Glumbić, M. Jačevski, S. Petrović, A. Baranger, C. Fernández, J. Garcés	2873
SOCIAL MEDIA AND CLASSICAL LITERATURE TO IMPROVE COMMUNICATION SKILLS <i>G. Dettori, M. Musso Piantelli</i>	2880
A B-LEARNING POSTGRADUATE COURSE IN ADVANCED COSMETOLOGY OF ULISBOA: THE IMPORTANCE OF QUALITY EVALUATION FRAMEWORKS FOR THE SUCCESS OF ONLINE COURSES N.R. Oliveira, N. Pedro, J. Marto, N. Agonács, H. Ribeiro	2888
A LESSON LEARNED ABOUT GAMIFICATION AND ENGAGEMENT IN A MASTER DEGREE COURSE S. Iacono, G.V. Vercelli, E. Bellanti, A. Corsi	2898
M-LEARNING, A NEW PEDAGOGICAL MODEL IN HIGHER EDUCATION IN ECUADOR G. Lagos Reinoso, L. Benavides Sellan	2903
PROMOTING THE REDUCTION IN ONLINE ATTRITION RATES THEREBY INCREASING RETENTION RATES: A HOLISTIC E-PARADIGM IMPLEMENTING THE PEDAGOGICAL VARIATION MODEL M.S. Rogers	2910
MAJERIAL SUPPORT AT THE UNIVERSITY AS AN ELEMENT OF SOCIAL SECURITY A. Smarzewska, I. Dabrowska	2921

FACULTY AND STUDENTS ENGAGEMENT APP: A MEXICAN DIGITAL STRATEGY TO IMPROVE UNIVERSITY SERVICES F. Ortiz-Rodriguez, R. Barrera, M. Hernandez, M. Zuniga	2927
FAMILY BACKGROUND, HIGHER EDUCATION CHOICES AND SOCIAL MOBILITY – HOW CONTEXT SHAPES AMBITION I. Vieira, C. Vieira, M. Rego	2933
PREVENTING SOCIAL EXCLUSION OF STUDENTS AND THEIR FAMILIES BY PROVIDING ALLOWANCES A. Smarzewska, I. Dabrowska	2943
COLLABORATING WITH TEACHERS TO IMPROVE THE ACADEMIC, BEHAVIORAL, AND SOCIAL SUCCESS OF STUDENTS OF COLOR ATTENDING URBAN ELEMENTARY SCHOOLS B. Daly, C. Puhy, M. Silverstein, C. Day, C. Mangubat, M. McCurdy	2948
THE UNEXPECTED RESULTS ON STUDENT INCENTIVES OF A CHANGE IN THE CONTINUOUS ASSESSMENT	2949
J. Jofre, D. Montolio, P. Sorribas, P. Taberner, J. Vázquez-Grenno DESIGN THINKING IN HIGHER EDUCATION: A SCOPING REVIEW S. Guaman-Quintanilla, K. Chiluiza, P. Everaert, M. Valcke	2954
<b>INTERROGATING D-STEM: A DESIGN LED APPROACH TO STEM INNOVATION</b> A. Toomey, J. Tan	2964
ECONOMIC LITERACY: A CROSS-SECTIONAL RESEARCH IN PORTUGUESE UNDERGRADUATE STUDENTS M. Ribeiro, A. Fernandes	2970
CASE STUDY ON COMPETENCE-BASED MATHEMATICS STUDIES IN DIFFERENT PROFESSIONAL FIELDS: CIVIL ENGINEERING, ENERGETICS AND INFORMATION TECHNOLOGIES A. Vintere	2978
A CASE STUDY OF THE LEARNING ORGANIZATION CULTURE AT ONE UNIVERSITY IN THE UAE S. Alsuvaidi	2984
HOW TO INITIATE INTERDISCIPLINARITY IN PROJECT-ORIENTED TEACHING? M. Podgórska, I. Zdonek	2985
GENERIC KINESIOLOGY COMPETENCES OF PRIMARY EDUCATION TEACHERS AT THE BEGINNING OF THEIR PROFESSIONAL WORK EXPERIENCE IN SCHOOLS S. Jenko Miholić, S. Mraković, V. Horvat	2990
<b>3D IMMERSIVE ENVIRONMENTS TO SUPPORT TRAINING ACTIVITIES THROUGH</b> <b>FINE MOTOR THERAPY</b> <i>M. Ariza Riaño, A.O. Restrepo Rodríguez, P.A. Gaona García, C. Montenegro Marín</i>	2997
SCAFFOLDING – TEACH A MAN TO FISH A. Bednárek, J. Kameník, Z. Sikorová	3007
PROUDLY PRESENTING, FOR THE FIRST TIME IN FINLAND, MASTER'S DEGREE OF BEAUTY AND COSMETICS. DESIGNING THE CURRICULUM WITH PARTICIPATIVE PEDAGOGY M.A. Poutanen	3008
HOW CREATE A PERSONAL LEARNING NETWORK WITH THE SOCIAL MEDIA N.R. Oliveira, L. Morgado	3013
COMPARISON OF CROATIAN AND SPANISH PRIMARY SCHOOL FEMALE PUPILS IN BASIC ANTHROPOLOGICAL CHARACTERISTICS S. Mraković, S. Jenko Miholić, A. Matišić	3022
INFLUENCE OF INFORMATION AND COMMUNICATION TECHNOLOGIES ON THE DEVELOPMENT OF TOODLER'S LANGUAGE J. Dzerviniks, I. Bozevniece	3029
<b>FROM BEING DIGITAL TO EXPERIENTIAL: REVISITING NEGROPONTE IN THE AGE</b> <b>OF KOLB</b> V. Hui, M. Cairns-Spicer, M. Komyshenko, G. Zhou	3037
OPINIONS OF EXTERNAL STUDY TEACHERS ON AUGMENTED REALITY IN PRE- PRIMARY EDUCATION L. Koreňová, D. Kostrub, P. Ostradický	3045
SMART PLUS: IDENTIFYING SKILLS MISMATCHES WITHIN THE TOURISM INDUSTRY C. Paillusson, J. Díaz Vidal, L. Martín Calero	3053

<b>REAFFIRMING "DESIGN THINKING" THROUGH "DESIGN DOING"</b> V. Hui, G. Tratnik, V. Kinuthia, Z. Mohammed Ali	3061
WRITING AT A RUSSIAN UNIVERSITY: STUDENTS' PERSPECTIVE A. Astanina, N. Verbitskaia	3071
<b>DEFINING THE SECOND STEP IN THE DESIGN THINKING PROCESS</b> <i>P. Lane</i>	3077
EDUCATION PROJECT: THE SILESIAN UNIVERSITY OF TECHNOLOGY AS A CENTER OF MODERN EDUCATION – PERSPECTIVE OF STAKEHOLDERS MANAGEMENT M. Podgórska, S. Spałek	3083
<b>EXPERIENTIAL, EXPERIMENTAL, AND ENTREPRENEURIAL PEDAGOGY: CREATING</b> <b>AN INFRASTRUCTURE FOR SAFE FAILURE</b> V. Hui, Y. Korotayeva, T. Estrina, S. Mahbub	3088
<b>DIFFERENCES BETWEEN INITIAL AND FINAL RESULTS OF MEASURING SOME</b> <b>MOTOR SKILLS IN A CHILD WITH DOWN'S SYNDROME</b> V. Horvat, I. Frbežar, I. Bokor	3097
ANALYSIS OF LANGUAGE GAPS BETWEEN MEDICAL LANGUAGE AND LANGUAGE OF COMMUNICATION AS A RESULT OF ASPECTS OF EUPHEMISM S. Deyi	3103
MOTIVATION FOR ACHIEVEMENTS OF STUDENTS - FUTURE TEACHERS OF EARLY SCHOOL EDUCATION B. Muchacka	3109
AGILITY, METIC INTELLIGENCE, CRE-ACTIVITY, AND MINDFULNESS: FOUR CORNERSTONES FOR ADULT EDUCATION IN THE 21ST CENTURY W.U. Scholz	3114
DRIVERS AND BARRIERS FOR HAVING AN EXPERIENCE OF STUDYING ABROAD. EVIDENCE FROM YOUNG EUROPEANS A. Labella-Fernández, J. Martínez-Del-Río	3125
BUSINESS SCHOOL MSC CONSULTANCY PROJECTS: STUDENTS SUPPORTING BUSINESS OR BUSINESS SUPPORTING STUDENTS? J. Rosborough, A. Hiller, A. Smith	3129
THE SOLUTION STRATEGIES OF ONE FRACTION TASK G. Pavlovičová, L. Vargová	3137
<b>THEORY OF MIND AND READING COMPREHENSION IN ADOLESCENTS WITH</b> <b>COCHLEAR IMPLANT: A PRELIMINARY STUDY</b> <i>M. Figueroa, S. Darbra, N. Silvestre</i>	3145
THE IMPACT OF TECHNOLOGICAL EVOLUTION ON THE LABOR MARKET AND THE SKILLS OF ACADEMICS: CASE "ADEQUACY BETWEEN UNIVERSITY TRAINING OFFERS AND THE JOB MARKET" N. Benmousa, K. Mansouri, M. Qbadou, E. Illoussamen	3154
<b>TACTILE EXPERIENCE ENHANCED BY THE CHALLENGE OF DIGITALIZATION</b> F.M. Ugliotti, A. Osello	3165
PEDAGOGICAL ARCHITECTURE IN DISTANCE EDUCATION: CYBERSENIORS MULTIPLIERS T. Grande, L. Machado, P.A. Behar	3172
<b>TRAINING IS HARSH: A METAPHOR ANALYSIS ON STUDENT'S EXPERIENCES</b> H. Sezerel, D. Cankul	3182
BROADENING THE SCOPE OF MUSIC DIDACTICS: PERCEPTION OF THE SONIC ENVIRONMENT AS AN ITINERARY OF ANALYSIS AND LEARNING IN HIGHER EDUCATION A. Porta	3183
EDUCATING THE EDUCATORS: THE ASTHMA CHAMPION PROGRAM L. Cimino, L. Romard	3191
CHANGES IN THE ATTITUDE TOWARDS THE POTENTIAL VALUES OF MATHEMATICS IN RELATION TO THE HUMAN LIFE CYCLES A. Vintere, E. Kopeika	3195
FEEDBACK FROM STUDENTS OF A HIGHER EDUCATION TUTORIAL PROGRAM AT THE END OF ITS IMPLEMENTATION P. Catarino, A.P. Aires	3204

<b>LESSONS LEARNED FROM THE USE OF THE SLIDEWIKI OPENCOURSEWARE</b> <b>PLATFORM IN DIFFERENT LEARNING CONTEXTS</b> <i>A. Mikroyannidis, F. Pallonetto, E. Mangina, N. Pyrini, M. Sadauskas, E. Trepule, A. Volungevičienė,</i> <i>C. Panagiotakopoulos, A. Karatrantou, S. Armakolas, A. Nelson Mauro, L. Cheniti, O. Korbaa</i>	3213
<b>BETWEEN EMPLOYABILITY AND ARTISTIC VISION. PROBLEMS OF MANAGING</b> <b>ARTISTIC UNIVERSITIES IN POLAND</b> <i>E. Bogacz-Wojtanowska, S. Wrona</i>	3222
<b>IMPLEMENTATION OF A SELF-LEARNING ITINERARY TO IMPROVE THE EFFECTIVE</b> <b>COMMUNICATION OUTCOME IN THE MASTER OF FOOD SAFETY AND QUALITY</b> <b>MANAGEMENT</b> <i>E. Pérez-Esteve, J.A. Silvestre-Cerdà, M.C. Bas, M.J. Lerma-García, N. Matarredona-Desantes, R.</i> <i>Oltra-Badenes</i>	3230
CASE TEACHING SUPPORT SYSTEM – NEW SOFTWARE TOOL TO FOSTER ACTIVE LEARNING METHODS K. Pikoń, J. Kalina	3235
ETHICS AND LEADERSHIP K. Teikari	3242
<b>ENTOMOLOGICAL COLLECTION IN ELEMENTARY SCHOOL IN BRAZIL</b> M. Diedrich de Souza, M. Camara Pizzato, R.B. Callegari Pacheco	3249
AN EXERCISE IN ACTIVE LEARNING: IDENTIFYING HEALTHY FOOD OPTIONS ON A HISTORICALLY BLACK COLLEGE OR UNIVERSITY CAMPUS USING THE TRAFFIC LIGHT SYSTEM	3255
H. Colleran, A. Sharkey, B. Epps, H. Jordan, T. Fuller FROM ACADEMIC TO VOCATIONAL: THE REBRANDING OF TEXTILES STUDIES IN	3260
MALTA L. Portelli	
ADDRESSING CHALLENGES OF THE DECREASE OF STUDENTS AT UNIVERSITIES BY ENABLING SECONDARY STUDENTS' TO BE A UNIVERSITY STUDENT FOR A TRY V. Bradáč, M. Kotyrba, J. Gaj	3266
VISUAL LIFE: SENSITIVITY AND PREVENTION OF VIOLENCE IN JUVENILE OFFENDERS. A CASE STUDY E.C. Vayas Ruiz, A. Jimenez Sanchez, T. Paredes Ruiz	3273
EULES NETWORK, U-LEARNING ENVIRONMENTS IN HIGHER EDUCATION: A COLLABORATIVE PROJECT TO CREATE A VIRTUAL COMMUNITY OF TEACHERS A. Allueva-Pinilla, J.L. Alejandre-Marco, R. Trillo-Lado, M.T. Lozano-Albalate	3279
STUDENT QUESTIONNAIRES AS EFFECTIVE STIMULATORS OF PEDAGOGICAL EVOLUTION J. Kalina	3285
<b>E-BOOK "PROBABILITY FOR ENGINEERS": A STUDY TOOL FOR NEW GENERATIONS</b> <i>I.P. Aguilar-Juárez, A.L. Bañuelos-Saucedo, E.I. Luna-Ceballos, E. Salazar-Guerrero</i>	3295
IMPLEMENTING CONSTRUCTIVIST PEDAGOGY IN A FLIPPED MODE IN A POSTGRADUATE COURSE S. Asunka, E. Freeman, L. Sheeta Arthur	3301
THE STUDY OF RELIGION IN PUBLIC SCHOOLS OF ROMANIA V. Cretu	3310
<b>PROCESSES OF PEDAGOGICAL DIFFERENTIATION: PERSPECTIVES OF STUDENTS</b> <b>OF INITIAL TEACHER TRAINING AND TEACHERS OF THE BASIC EDUCATION</b> <i>C. Figueira, V. Duarte, F. Covas</i>	3320
EDUCATIONAL INNOVATION: A STUDY OF THE PEOPLE, PROGRAMS, AND SYSTEMS LEADING INNOVATION ACROSS THE AMERICAN EDUCATION LANDSCAPE B. Klocko, R. Justis	3330
ENTREPRENEURSHIP IN BUSINESS ADMINISTRATION AND ENGINEERING EDUCATION – "NXT SOFT" CASE STUDY V.E.S. Codarnai, T.I. Codarnai, C. Chivulescu, A.S. Lica, I.B. Pavaloiu, A.M. Neagu, C. Mustata, L.M. Mateescu	3331
IMPROVEMENT OF AN INTELLIGENT TUTORING SYSTEM BASED ON METACOGNITION AND EMOTIONAL RESPONSE J. Navarro, A.L. Franzoni, F. Cervantes	3337
THE RELIGIOSITY OF YOUNG PEOPLE IN ROMANIA NOWADAYS V. Cretu	3345

THE ROLE OF PRACTICUM FOR EARLY CHILDHOOD TEACHER EDUCATION: THE PERSPECTIVES OF STUDENT TEACHERS	3352
R. Friães, D. Lino, C. Parente, C. Craveiro, B. Silva TEACHERS AND STUDENTS ENGAGEMENT IN A SOCIOCONSTRUCTIVIST ASSESSMENT PARADIGM	3361
C. Figueira, F. Almeida EVALUATING THE IMPACT OF NOVEL LEARNING TECHNOLOGIES IN STEM	3365
SUBJECTS: RESULTS FROM PROJECT NEWTON AND THE GAM LAB-ITALY PILOT EXPERIENCE J. Playfoot, F. Di Salvadore, C. De Nicola	
PREDICTORS OF GRADE 9 MATHEMATICS ACHIEVEMENT WITH IMPLICATIONS FOR OPTIMAL PEDAGOGY J. Burger, A. Nadirova	3373
CURRICULUM DESIGN RECONSIDERED: AN ACTION RESEARCH STUDY V. Gynnild	3380
<b>LET´S BE OUR OWN LAB</b> C. Valbuena, M. Arroyo-Hernández	3386
<b>USING ARDUINO TO ENERGIZE EDUCATION: MOVING ENGINEERING AND</b> <b>PHYSICS EDUCATION TOWARD PRODUCT DEVELOPMENT</b> <i>P. Lane, R. Dormus, K. Christopher</i>	3391
<b>VENTURE CAPITAL FOR THE ENTREPRENEURIAL UNIVERSITY: A TEXT MINING</b> <b>REVIEW OF THE LITERATURE</b> <i>A. Petroni, F. Galati, D. Carmignani, S. Filippelli, R. Garziera</i>	3398
IMPROVING ACADEMIC ACHIEVEMENT IN FIRST-YEAR CALCULUS: THEORIZING THE CASE TO INFORM FUTURE INTERVENTIONS V. Gynnild	3403
READING LEARNING DISABILITIES AND THE BORDERLINE AND LOWER EXTREME INTELLECTUAL CAPACITY M.L. Montanchez, G. Jara-Saldaña	3411
DOES STUDENTS' EVERYDAY EXPERIENCES INFLUENCE THEIR MATHEMATICAL THINKING? (FOCUSED ON FINANCIAL MATHEMATICS) M. Slavíčková, M. Regecová	3417
SOCIAL NETWORKS AND THEIR LEGAL CONSEQUENCES IN EDUCATION A. Peláez-Repiso, P. Sánchez-Núñez	3424
A FOUR-YEAR CASE STUDY ON INTEGRATING VIRTUAL REALITY INTO DIVERSE CAMPUS CURRICULA A. Grace, F. Klassner	3430
RUSSIAN LANGUAGE TESTS FOR CHILDREN: EDUCATIONAL POTENTIAL M. Kunovski, A. Dolzhikova, V. Kurilenko, G. Myers	3438
APPROACH TO THE STEAM MODEL FOR CONSOLIDATING LEARNING PHYSICS TOPICS	3442
S. Maffey, D. Chagoya, V. Montañez GENDER DIFFERENCES IN ENGINEERING STUDENTS' BELIEFS ABOUT PHYSICS AND PHYSICS LEARNING AT A SOUTH AFRICAN UNIVERSITY	3447
L. Reddy SKILL NEEDS FOR VENTURE CAPITAL AND PRIVATE EQUITY JOBS A. Petroni, F. Galati, D. Carmignani, S. Filippelli	3452
EMPLOYABILITY ISSUES AND TRENDS IN ARTISTIC HIGHER EDUCATION. CASE STUDY FROM POLAND	3459
E. Bogacz-Wojtanowska, R. Dorczak	04/5
WOMEN IN STEM BY EULES: A PROJECT TO PROMOTE SCIENTIFIC VOCATIONS IN GIRLS A. Allueva-Pinilla, J.L. Alejandre-Marco, R. Trillo-Lado, M.T. Lozano-Albalate, C. Aldea-Chagoyen, I.	3465
Álvarez-Lanzarote, S. Bayarri-Fernnández, L. Fuentes-Broto, M.J. Rodríguez-Yoldi, E. Cerrada- Lamuela, C. Gimeno-Gasca	
DYNAMIC CAPABILITIES, ICT AND EDUCATION IN THE SOUTH OF BOGOTÁ BUSINESSES – COLOMBIA C.J. Peña Lapeira, C.A. Pereira Bolaños	3470
<b>WHAT SENIOR CITIZENS LEARN WHEN LEARNING ONLINE?</b> <i>R. Esteller-Curto, E. Serradell-Lopez</i>	3477

CORPORATE UNIVERSITIES AS KNOWLEDGE MANAGEMENT TOOL FOR COMPANIES: THE CASE OF ITALY A.I. Dormio	3480
USING THINGLINK DIGITAL POSTERS IN TEACHING ESP TO BUSINESS AND ECONOMICS STUDENTS (A CASE STUDY OF BAUMAN MOSCOW STATE TECHNICAL UNIVERSITY)	3487
K. Inozemtseva, G. Kirsanova, N. Troufanova, Y. Semenova STANDARD COSTS IN PUBLIC ADMINISTRATION: THE CASE OF ITALIAN UNIVERSITIES B. Bigliardi, A.I. Dormio, S. Filippelli	3493
LOCAL CENTRES OF KNOWLEDGE AND EDUCATION (LOWE) – NEW APPROACH TO ADULT EDUCATION IN LOCAL COMMUNITY R. Dorczak, G. Prawelska-Skrzypek	3502
<b>START UPS AND SPIN-OFFS: THE ROLE OF BUSINESS INCUBATORS</b> B. Bigliardi, A.I. Dormio, A. Petroni	3507
WHAT MAKES COLLABORATIVE LEARNING IN SENIORS A SUCCESS? REVEALING SOFT SKILLS P. Escuder-Mollon, R. Esteller-Curto	3517
SUPERVISIBLE PROJECT. TEACHING AND LEARNING FROM AND FOR THE COMMUNITY. THE USE OF VISUAL METHODS: PHOTOGRAPHY AND WEBSITE CREATION	3521
A. Meléndez Peretó, A. Pedrosa Bou, M. Fuentes Agustí <b>TEACHER LEADERSHIP – HOW TEACHERS IN POLISH SCHOOLS UNDERSTAND</b> <b>TEACHER LEADERSHIP</b> R. Dorczak	3529
USING THE GEOGEBRA MOBILE APPLICATION TO DEVELOP STATISTICAL LITERACY J. Guncaga, L. Koreňová, I. Veress-Bagyi	3534
AUGMENTED REALITY FOR SAFETY TRAINING: EVIDENCE FROM A REAL CASE B. Bigliardi, A.I. Dormio, F. Galati, R. Galati, R. Garziera	3541
CRYPTARITHMETHIC WITH OR WITHOUT VIDEOGAME: PROBLEM SOLVING AND ACQUISITION OF ARITHMETIC COMPETENCIES IN 6TH GRADE S. García Escrich	3546
<b>INVOLVING STUDENTS IN INCLUSIVE ORCHESTRAS AND TECHNOLOGICALLY</b> <b>SUPPORTED RADIO DRAMAS TO DEVELOP THEIR SOFT SKILLS</b> <i>F. Vergani, G.R. Rubino, L. Sbattella</i>	3555
A MODEL OF PEDAGOGICAL STAFF ENGAGEMENT IN THE EDUCATIONAL PROCESS S. Sobczak, T. Zacharuk	3566
APPLYING RUBRICS TO TECHNICAL DRAWING AND CAD COURSES IN INDUSTRIAL DESIGN ENGINEERING DEGREE V. Gracia-Ibáñez, M.J. Bellés, M. Vergara, S. Mondragon, V. Pérez-Belis, V. Monfort, C. González- Lluch	3575
STUDENT PERSPECTIVE ON UNIVERSITY INTERNATIONALISATION V. Kompanets, M. Morgunova, J. Väätänen	3583
LESSONS LEARNED FROM FLIPPING A LARGE-SCALE PROGRAMMING COURSE S. Wilson	3594
SCHOOL CLIMATE ENHANCEMENT THROUGH TEACHER EMOTIONAL INVOLVEMENT S. Sobczak, T. Zacharuk	3602
AUGMENTED REALITY TRAINING IN CONSTRUCTION – TRAINEES FEEDBACK J. Rosłon, A. Nicał, P. Nowak	3612
<b>THE DARK SIDE OF TECHNOLOGY AT UNIVERSITIES</b> M. Evangelista, E. Leal, I. Ibarra, P. Guerrero, D. Valdez, F. Ortiz-Rodriguez	3618
LEAN SIX SIGMA STRATEGIES AS AN ALTERNATIVE AGAINST ECONOMIC CRISIS - A STUDY ABOUT QUALITY MANAGEMENT IN THE EDUCATION SYSTEM O. Borgue	3623
ACCESSIBILITY OF DIGITAL CULTURAL RESOURCES FOR PEOPLE WITH SENSORY DISABILITIES G. Bogdanova, G. Georgieva-Tsaneva, N. Sabev	3633

<b>INCREASING THE EFFECT OF PEER REVIEW</b> J. Gordijn, B. Broekhans, K. Dunn, J. Ubacht	3640
THE LEARNING OF BUILDING STRUCTURES FOR THE DEGREE IN BUILDING ENGINEERING IN SPAIN: DESIGN AND APPROACHES IN THE UNIVERSITY OF SEVILLE M. Cámara, P. Pachón-García, V. Compán, E. Rodríguez-Mayorga, J.F. Jiménez-Alonso	3651
<b>DINOSAURS, TEACHING BIODIVERSITY THROUGH TIME</b> R.J. Tovilla Quesada, M.M. Arellano Lara, A.M. Rizo Rubalcava, A. Quintanar Olguin, F. Priego Hernández	3658
TEACHING LATIN AMERICAN VOCABULARY: DISCOURSE FORMULAE AS A MEANS OF OVERCOMING COMMUNICATION DIFFICULTIES E. Popova, Z. Ignashina	3665
EXPLORING STUDENT PERCEPTIONS OF LEARNING ANALYTICS IN HIGHER EDUCATION – DEVELOPING APPROACHES FOR CONSULTATION AND FEEDBACK J. Richardson	3675
A PROJECT WITH OPEN RESOURCES IN U-LEARNING HIGHER EDUCATION A. Allueva-Pinilla, J.L. Alejandre-Marco, S. Ilarri-Artigas, M.T. Lozano-Albalate, R. Trillo-Lado	3681
THE ROLE OF EDUCATION IN PROMOTING HEALTHY EATING: CROATIAN PARENTS` AND TEACHERS` PERSPECTIVES S. Renko	3688
DIGITAL GENDER GAP BETWEEN TEACHERS: A STUDY AT INACAP (CHILE) A. Del Prete, J. Cabero Almenara	3695
USING VIDEOS AND MULTIMEDIA TOOLS IN E-LEARNING EXPERIENCE OF THE BUSINESS ADMINISTRATION BACHELOR AT THE DEPARTMENT OF MANAGEMENT (UNIVERSITY OF TURIN, ITALY) V. Cantino, L. Denicolai, A. Parola	3704
<b>ARE WE IN SYNC? BRIDGING THE GAP BETWEEN INDUSTRY AND MANAGEMENT</b> <b>EDUCATION: THE ROLE OF ADVISORY BOARDS</b> <i>M. Vila Bonilla, G. Calleja Sanz, H. Torrez Meruvia, A. Sauleda Palmer</i>	3711
HOW CAN ACTIVE LEARNING METHODS BE SUCCESSFULLY INTEGRATED IN A 'TECHNOLOGY INNOVATION' COURSE? DESIGNING EFFECTIVE INSTRUCTION IN GRADUATE ENGINEERING EDUCATION G. Calleja Sanz, M. Vila Bonilla, H. Torrez Meruvia, A. Sauleda Palmer	3715
<b>THE WECHSLER SCALE AS AN INSTRUMENT TO DIAGNOSE INTELLECTUAL</b> <b>DISABILITY</b> <i>M.L. Cedillo, M.L. Montanchez</i>	3716
IMPLEMENTING VIRTUAL REALITY AND MIXED REALITY TECHNOLOGIES IN CONSTRUCTION EDUCATION: STUDENTS' PERCEPTIONS AND LESSONS LEARNED S. Azhar, J. Kim, A. Salman	3720
INFORMATION AND COMMUNICATION TECHNOLOGY IN THE PRESCHOOL EDUCATION IN ROMANIA M. Goga, I.A. Mitroi, N. Goga	3731
DATA MINING IN CONSTRUCTION RESEARCH J. Rosłon, H. Anysz, A. Nicał	3739
TED TALKS: AN APPROACH FOR ACTIVATING THE WORLD KNOWLEDGE SCHEMA OF EFL WRITERS G. Harb	3746
THE ROLE AND PLACE OF TEACHING FOR AN INTERNATIONAL EXAMINATION IN A FOREIGN LANGUAGE COURSE AT A UNIVERSITY E. Golubovskaya, S. Arkhipov, N. Arupova	3747
<b>TRUST IN ONLINE AUTHENTICATION TOOLS FOR ONLINE ASSESSMENT IN BOTH</b> <b>FORMAL AND INFORMAL CONTEXTS</b> <i>C. Edwards, D. Whitelock, A. Okada, W. Holmes</i>	3754
<b>A VIRTUAL LAB FOR ANALYTIC GEOMETRY</b> M. Caligaris, M. Schivo, G. Rodríguez, M. Romiti, M. Menchise, J. Valentini	3763
IMPORTANCE OF THE VALUES OF WISDOM AND EDUCATION IN CONTEMPORARY CZECH POPULATION	3772
J. Pospíšil, H. Pospíšilová, L. Trochtová, N. Špatenková <b>EMPOWERING GROUP-BASED LEARNING WITH INFORMATION TECHNOLOGY</b> S. Sirkemaa, H. Varpelaide	3780

VISUAL APPS AND MATHEMATICAL SKILLS DEVELOPMENT M. Caligaris, G. Rodríguez, L. Laugero, M. Folonier	3785
<b>UNDERGRADUATE STUDENTS AS LABORATORY TEACHERS TO PROMOTE</b> <b>CREATIVE SCIENCE EDUCATION AT HIGH SCHOOLS</b> <i>M.M. Marques, L. Calvo Galvan, M.L. Centeno Martín, E. Colmenero Hidalgo, E. Fernández Martínez,</i> <i>A. Fernández Villadangos, M.R. García Armesto, P. García García, L. López Campano, M.C. Marín</i> <i>Vieira, L.M. Mateos Delgado, J.L. Mauriz Gutiérrez, G. Merino Peláez, F.J. Rúa Aller, R.M. Valencia</i> <i>Barrera, L.F. Valladares Díez, M.P. Valle Fernández, B. Razquin Peralta</i>	3794
<b>DEVELOPMENT OF FORMATIVE SECOND OPINION: EXPERIENCES FROM THE</b> <b>BRAZILIAN NATIONAL TELEHEALTH NETWORK PROGRAM IN CEARÁ</b> <i>L.R. de Oliveira, R. de Melo Rolim, D. Rodrigues Tavares, M.M. Vasconcelos Ferreira, A.J. Ferreira</i> <i>Coutinho, G. Silveira Dantas, J.E. Teles Souza</i>	3795
ANALYSIS OF LEARNING STRATEGIES OF UNDERGRADUATE STUDENTS USING THE EYE-TRACKING METHOD I. Červenková, A. Štecová	3801
PRE-PRIMARY AND PRIMARY TEACHERS' ATTITUDES TOWARDS USING E- LITERATURE IN EFL CLASSES S. Pokrivcakova	3810
DIDACTIC STRATEGIES BASED ON ICT AND THEIR LINK IN THE EDUCATIONAL PROCESS M. Pilamunga-Poveda, J.L. Santamaría Aguirre, D. Jordán, C. Nájera Galeas	3818
<b>TECHNOLOGICAL INNOVATION AND EDUCATION: TELECONSULTATIONS IN</b> <b>PROFESSIONAL TRAINING IN FAMILY HEALTH</b> <i>L.R. de Oliveira, L.E. Cavalcante Lima, R. de Melo Rolim, A.J. Ferreira Coutinho, G. Silveira Dantas</i>	3825
DESIGN AND DEVELOPMENT OF CONCEPTS FOR INTERACTIVE HARDWARE AND SOFTWARE SOLUTIONS FOR SPECIAL EDUCATION OF STUDENTS WITH AUTISTIC SPECTRUM DISORDERS P. Zlatarov, G. Ivanova, A. Ivanov	3831
PREPARING EMOTIONALLY DISABLED STUDENTS FOR INCLUSION B. Goetschius	3839
<b>PROTOTYPES, ANIMATIONS AND TOYS TO LEARN PHYSICS</b> <i>S. Maffey</i>	3845
TECHNOLOGY ENHANCED TEACHING, AN APPROACH TO IMPROVE ACTIVITY- BASED LEARNING FOR INSTRUCTING COMPUTER PROGRAMMING WITHIN A BLENDED LEARNING ENVIRONMENT E. Freeman, S. Asunka, L. Sheeta Arthur	3851
<b>CREATING AND IMPROVING EDUCATIONAL MATERIALS: AN APPROACH BASED</b> <b>ON CROWDSOURCING</b> <i>M.C. Suárez-Figueroa, E. Ruckhaus, O. Corcho, M. Molina, E. Serrano, D. Zanardini</i>	3852
THE METHODS OF QUALITATIVE SURVEY IN CONTEMPORARY LANGUAGE PEDAGOGY RESEARCH S. Pokrivcakova	3858
A FLIPPED CLASSROOM APPROACH TO DEVELOPING TERMINOLOGICAL COMPETENCE IN ENGLISH FOR SPECIFIC PURPOSES N. Troufanova, K. Inozemtseva, G. Kirsanova, N. Nikolayeva	3859
<b>THE NEED FOR INQUIRY-BASED NATURAL SCIENCE TEXTBOOKS IN THE SPANISH</b> <b>PRIMARY EDUCATION</b> <i>B. Cara, A. Garzón, E. López-Carrique, N. Díaz-Moreno</i>	3866
<b>REMEMBER WHEN, ON THE INTERNET, NOBODY KNEW WHO YOU WERE?</b> N. Rodrigues, A. Oliveira	3871
THE FRAMEWORK FOR SYSTEMIC CHANGE AND ITS APPLICATION TO EDUCATION SYSTEMS S. Naicker	3878
CHILD TRANSITION FROM KINDERGARTEN TO PRIMARY SCHOOL AS EXPERIENCED BY A KINDERGARTEN TEACHER M. Lietavcová, M. Vítečková, J. Jošt	3885
APPLICATION OF ICT: "SÍGUEME" PROJECT IN CHILDREN WITH AUTISM ASSOCIATED WITH MULTI-DISABILITY G. Bedoya, G. Mantilla	3891
DIGITAL LEARNING IN SMALL AND MEDIUM-SIZED ENTERPRISES: IS IT A VALID ALTERNATIVE TO TRADITIONAL TRAINING? J. Vancell, T. Patala	3898

EDUCATION OF ELEMENTARY SCHOOLS STUDENTS IN CYBERCRIME PREVENTION WITH FOCUS ON CYBERBULLYING V. Soltes, Z. Stofkova	3906
<b>EVALUATION AND ICT: AGENTS OF CHANGE IN THE UNIVERSITY</b> M. Fuentes Agustí, C. Blasi Casagran, A. Pedrosa Bou, A. Meléndez Peretó, P. Valdivia Vizarreta	3912
<b>DIFFERENCES IN THE COMPETITIVENESS OF HIGHER EDUCATION AMONG THE</b> <b>EUROPEAN COUNTRIES</b> <i>O. Sedlak, Z. Ciric, A. Marcikic, D. Stojic</i>	3921
<b>LIFELONG LEARNING PROGRAM FOR THE ELDERLY</b> N. Shlenskaya, D. Beresnev, N. Trukhanovskaya, K. Hakobyan, N. Merzlikina	3926
FACILITATING SECOND LANGUAGE LEARNING USING FIRST LANGUAGE J. Wu, M. Myers	3935
COLLABORATIVE COURSES TAILORED FOR AND WITH INDUSTRY – HOW TO SPREAD RESEARCH RESULTS AND GET AN IMPACT IN INDUSTRY L. Gustavsson	3942
SURVEY OF INCREASING DIGITAL SKILLS OF UNIVERSITY STUDENTS T. Misik, J. Stofkova, N. Stalmasekova	3949
INCLUSION OF PUPILS WITH SPECIFIC BEHAVIOURAL DISORDERS FROM THE VIEWPOINT OF TEACHERS AND SCHOOL PSYCHOLOGISTS M. Najmonová, M. Vítečková, M. Procházka	3957
MOTIVATION-BUILDING PATTERN USING GAME-BASED LEARNING FOR INTRODUCING THE IMPACT OF THEORETICAL SUBJECTS IN PRACTICAL SCENARIOS TO SOFTWARE ENGINEERING STUDENTS S. Gómez-Canaval, A. Mozo, V. Mitrana, F. Arroyo, A. Ortega, M. de la Cruz	3964
<b>LEARNING CHALLENGES IN THE TEACHING OF URBANISM IN SPAIN, RESULTS</b> <b>AFTER THE BOLOGNA PROCESS</b> <i>M.T. Pérez-Cano, D. Navas-Carrillo, J. Navarro-de-Pablos, B. Espino-Hidalgo, J.A. Rodríguez-Lora</i>	3971
MARKERLESS TRACKING – AN INNOVATIVE APPROACH TO HEALTH AND SAFETY TRAINING IN CONSTRUCTION A. Nicał, J. Rosłon, P. Nowak	3983
<b>PREPARING ARCHITECTS TOWARDS FACING HERITAGE THROUGH</b> <b>ARCHITECTURAL HISTORY AND THEORY. ECTS CREDITS LOAD ACROSS EUROPE</b> <i>M.T. Pérez-Cano, C. López-Bravo, M.M. Molina-Liñan, C.T. Mosquera-Pérez, E. Mosquera-Adell</i>	3991
THE STUDENTS' OPINION ABOUT AN EDUCATIONAL EXPERIENCE WITH FACEBOOK IN THE DEGREE OF COMPUTER ENGINEERING A. Calduch-Losa, E. Orduna-Malea, J. Serrano-Cobos	4000
FINAL MASTER THESIS EVALUATION: EXPERIENCES AND LESSONS LEARNED FROM THE APPLICATION OF A RUBRIC-BASED METHODOLOGY H. Torrez Meruvia, G. Calleja Sanz, M. Vila Bonilla, A. Sauleda Palmer	4009
OPEN EDUCATIONAL RESOURCES: AN ITALIAN CASE STUDY A. Romagnuolo	4010
INTEGRATION OF EDUCATIONAL RESOURCES OF TEACHING IN KINDERGARTEN, IN THE FIELD OF MATHEMATICS J. Escola, A.P. Aires, P. Catarino	4017
<b>STORYTELLING APPROACH TO VIDEO REMIXING</b> M.C. Dal Pian, L.F. Dal Pian, M. Dal Pian	4024
RESHAPING TEACHING STRATEGIES FOR INNOVATIVE MATERIALS IN ART AND DESIGN E. Ozden Yenigun	4034
WORKING WITH AN ENGINEERING NEWS-RECORD (ENR) TOP 5 CONTRACTOR KEPT MY SWORD SHARP AND PROVIDED MY STUDENTS WITH INSIGHT INTO ONE OF THE MOST SUCCESSFUL CONSTRUCTION COMPANIES IN NORTH AMERICA J. Hailer	4038
THE POTENTIAL OF PROFESSIONAL LEARNING COMMUNITIES AS A LEVER FOR PROMOTING SYSTEMIC CHANGE S. Naicker, S. Ebrahim	4044
<b>USE OF SERIOUS GAMES IN INFORMAL LEARNING: STATE OF THE ART AND</b> <b>FUTURE TRENDS</b> E. Pérez, M.J. Merchán, M.D. Moreno, P. Merchán, S. Salamanca	4049

TO BE OR NOT TO BE A PLAGIARIST: TRAINING FOR THE ETHICAL USE OF INFORMATION IN ACADEMIA I. Braga	4058
INTRODUCTION TO SCIENTIFIC COMPUTING IN INITIAL COURSES OF MATHEMATICS FOR ENGINEERING J. Álvarez, C. González-Guillén, G. Sansigre, L. Sanz, A. Zarzo	4067
THE NEW APPROACH TO ENGINEERING COURSES BASED ON THE RECONFIGURABLE LABORATORY ENVIRONMENT S. Przylucki, P. Powroznik, A. Sierszen	4073
MAKING HISTORY A NEW CHALLENGE. 3D GAMIFICATION ON THE STUDY OF ARTS SUBJECTS M.J. Merchán, E. Pérez, P. Merchán, S. Salamanca, M.D. Moreno	4081
<b>NEW TRENDS IN CONSTRUCTION EDUCATION AND TRAINING</b> A. Nicał, J. Rosłon, P. Nowak, M. Książek	4089
WAYS OF MOTIVATING THE FUNCTIONING IN THE SCHOOL ENVIRONMENT AND THE COMMITMENT OF TEACHERS AT WORK B. Muchacka	4097
INCORPORATING INTERVIEWING INSTRUCTION INTO JOURNALISM CURRICULA IN RUSSIA: THE EXPERIENCE OF HOLDING AN INTERVIEWING CONTEST FOR FUTURE JOURNALISTS K. Tkachenok, S. Tumskiy	4102
<b>GROUP FORMATION IN DE: FOCUS ON SOCIAL ASPECTS</b> G. Ferreira, L. Rocha Machado, A.C. Ribeiro Ribeiro, P.A. Behar	4108
<b>LANGUAGE SHOCK IN E-LEARNING ENVIRONMENT</b> L. Kovtun, N. Khmanova, L. Raitskaya, M. Ivanova	4114
A MULTIDISCIPLINARY EXPERIENCE IN DEVELOPING LEARNING TOOLS AS PROJECT BASED LEARNING ASSIGNMENTS A. Macías Guillén, M. Gallego, F. Gortázar, M.L. Delgado Jalón	4121
SERVICE AND E-SERVICE QUALITY AND SATISFACTION OF STUDENTS FROM THE EUROPEAN HIGHER EDUCATION AREA: A MEASUREMENT SCALE OF QUALITY OF HIGHER EDUCATION FROM A STUDENT'S PERSPECTIVE J. Ortega-Mohedano, M.J. Rodríguez-Conde, P. Muñoz-Gallego	4129
A STUDY OF AN IMPLEMENTATION OF INQUIRY APPROACHES AT PHYSICS LESSONS IN SLOVAKIA T. Pivarči, J. Raganova	4138
II WORKSHOP OF PHARMACEUTICAL CARE OF PARKINSON'S DISEASE PATIENTS M.M. Arroyo-Jiménez, S. Mínguez, J.A. Carbajal, L. Castro-Vázquez, J. González-Fuentes, G. Blázquez- Abellán	4146
THE QUALITY DEBATES IN INTERNATIONAL HIGHER EDUCATION ON COMPETITION FOR STUDENTS FROM AN EUROPEAN PERSPECTIVE J. Ortega-Mohedano, M.J. Rodríguez-Conde	4155
INTERNATIONAL STUDENTS' CROSS-CULTURAL ADAPTATION WITHIN RUSSIAN POSTSECONDARY EDUCATION CONTEXT K. Bityutskikh, D. Ivleva, G. He	4166
NARRATIVE WORKSHOP EXPERIENCE. DESIGN PRINCIPLES FOR AN EXPERIENTIAL LEARNING PROGRAM G. Gerosa, V.M. Iannilli	4174
ENHANCING STUDENT ENGAGEMENT IN ONLINE AND BLENDED LEARNING P. Gabor, C. Ing	4180
EMPLOYERS' REQUIREMENTS AND COMPETENCIES OF CANDIDATES IN THE AREA OF BIG DATA M. Wawer, P. Muryjas	4187
ENGAGING WITH THE PRESENT BY EXPLORING THE FUTURE: CRITICAL POTENTIAL OF SCIENCE FICTION IN EDUCATION B. Tomin	4197
DEVELOPMENT OF AN INDIVIDUAL EDUCATIONAL ROUTE FOR A STUDENT AS A TOOL FOR A NEW EDUCATIONAL LANDSCAPE S. Fomina, E. Tikhonova, A. Kvitkovskaya, G. Khorokhorina	4203
USE OF MOBILE APPLICATIONS TEACHING ENGLISH GRAMMAR AT TERTIARY LEVEL	4212

J. Kuzmina

CONDUCTING A SCOPING REVIEW OF COLLABORATIVE LEARNING IN ONLINE SETTINGS A. Makri, D. Vlachopoulos	4219
ACADEMIC EDUCATION AND PROFESSIONAL CAREER OF IT SPECIALISTS IN CONTEMPORARY ENTERPRISES M. Wawer, P. Muryjas	4229
SHIFTING PARADIGMS: PREPARING EDUCATORS TO ENHANCE THE SOCIAL EMOTIONAL DEVELOPMENT OF CHILDREN AND YOUTH M. Finkenberg, R. Pelton	4237
EMPLOYMENT CENTER AT THE UNIVERSITY AS A TOOL FOR CAREER DEVELOPMENT OF YOUTH M. Balykhin, E. Tikhonova, S. Fomina, L. Raitskaya	4238
UNDERSTANDING THE IMPORTANCE OF INCLUSIVE LANGUAGE: CURRICULUM DESIGN FROM AN ANDRAGOGICAL VIEWPOINT P.C. Herring, M. Bradford	4249
BASIC DESIGN AND THE BASICS OF LEARNING. AN EXPERIMENTAL "EXTRA- SYLLABUS" EXPERIENCE FOR DESIGN BEGINNERS S.D. Ferraris, F. Mattioli, E. Cucchetto, M. Febbo	4255
A STUDY ON STUDENTS' PERCEPTION AND INTEREST TOWARDS LEARNING THE ENGLISH LANGUAGE (A2, CEFR) USING LMS MOODLE K. Bityutskikh, N. Kuzmina	4263
<b>REINVENTING THE METHODOLOGY OF INITIATION TO THE TRUMPET'S</b> <b>TEACHING: PROPOSAL OF AN ICT BASED PLATFORM</b> J. Flora, N. Silva, V. Silva, C. Martins	4270
THE FUTURE WORKSHOP AS A QUALITATIVE RESEARCH METHOD—FIELD EXPERIENCES IN INDIA AND HONDURAS A. Purushothaman, M. Rivera	4276
CHALLENGES-BASED LEARNING AND GAMIFICATION FOR THE COURSE OF NUMERICAL METHODS IN ENGINEERING R.B. Silva-López, N.A. Rodríguez Silva, I.I. Méndez-Gurrola	4286
PREFERENCES STUDY OF NEW STUDENTS IN THE UAM LERMA FOR ONLINE EDUCATION R.B. Silva-López, I.I. Méndez-Gurrola, M.I. Silva López	4296
AN ACTIVE LEARNING IMPLEMENTATION TO ENHANCE CRITICAL THINKING IN COLLABORATIVE PRODUCT DESIGN EDUCATION S. Ruiz-Arenas, R. Mejía-Gutiérrez, C. Marroquín-Sierra, D. Ríos-Zapata	4303
THE MOCK CONFERENCE AS A TEACHING TOOL TO PROMOTE COMMUNICATION AND INTERPRETING SKILLS M. Fomina	4312
EXPLORING TEACHERS' PRACTICES IN GIVING FEEDBACK IN RURAL SOUTH AFRICAN MULTIGRADE CLASSROOMS M. Taole	4319
LITERATURE REVIEW ON PROBLEM AND PROJECT-BASED LEARNING (PBL) IN PRIMARY SCHOOL SETTINGS M. Rivera	4320
RECENT DOCTORAL GRADUATES' PERCEPTIONS OF THE SCHOLARLY PRACTITIONER DISSERTATION PROCESS J. McAtavey, P. Fischweicher	4330
THE CAVE OF DOGS – A VIRTUAL REALITY SCIENCE MYSTERY R. Grover	4334
COMPETENCES IN CREATIVE WRITING THROUGH DISTANCE EDUCATION. CASE OF DEGREE IN COMMUNICATORS OF THE UNIVERSIDAD TÉCNICA PARTICULAR DE LOJA A. Suing, P. Barrazueta, L. Carpio	4343
PRACTICAL SKILLS IN DISTANCE STUDIES OF THE COMMUNICATION DEGREE. CASE OF THE UNIVERSIDAD TÉCNICA PARTICULAR DE LOJA A. Suing, L. Carpio, P. Barrazueta	4347
INFORMATIONAL VIDEO STORYTELLING FOR CHILDREN BY CHILDREN: EXPLORING NEW DIRECTIONS IN LEARNING AND MAKING MEDIA IN THE CLASSROOM T. Terzopoulos	4351

MAKING SPACE FOR INNOVATION: TEACHER PERSPECTIVES ON A WEARABLE TECHNOLOGY CURRICULUM J. Jenson, B. Tomin, T. Terzopoulos	4360
AUGMENTED REALITY ESCAPE ROOMS AS HIGH-ENGAGEMENT EDUCATIONAL RESOURCES C. McFadden, S. Porter	4361
DOES EDUCATION HELP ENSURE THE SUSTAINABILITY OF MIGRANTS' SOCIAL STRATA A. Kuteynikov, T.O. Gakuba, L. Kuznetsova	4366
ENGLISH THROUGH SERIES: ACADEMIC IMPLICATIONS OF THE "SERIAL ENGLISH" COURSE FOR RUSSIAN STUDENTS K. Tkachenok	4374
SUPPORTING EDUCATIONAL PROCESSES OF STUDENTS WHO COME FROM DYSFUNCTIONAL FAMILIES AT EARLY STAGE SCHOOL EDUCATION U. Tyluś	4379
TEMPORAL ANALYSIS OF THE PEDAGOGICAL ADOPTIONS USE AND APPLICATION OF THE AUGMENTED AND VIRTUAL REALITY TECHNOLOGIES IN TECHNICAL SUBJECT AREAS	4387
I. Kostadinova, R. Toshev, P. Petrov, K. Aleksiev, I. Getova	
AN IMMERSIVE VIRTUAL ENVIRONMENT FOR LEARNING FOREIGN LANGUAGE VOCABULARY W.R. Ramos Lovon, R.Y.G. Paccotacya Yanque	4394
ENVIRONMENTAL EDUCATION BY 3D PRINTING: RAISING AWARENESS OF PLASTIC WASTE RECYCLING FOR ENGINEERED INNOVATIVE EDUCATIONAL TOOLS IN THE CLASSROOM H. Aguilar, B. Moura, H. Sá, P. Abreu, C. Silva, L. Rocha, P. Almeida, E. Teixeira	4399
TRANSPARENCY OF PROJECT LEARNING: EXPERIENCE OF PROFESSIONAL TRAINING OF SPECIALISTS IN PUBLIC ADMINISTRATION L. Boronina, J. Betta, A. Baliasov	4400
<b>LEARNING IN VIRTUAL TEAMS – DISCOVERING BEST PRACTICE</b> <i>M. Gray, A. Edwards, L. Crosta, V. Manokore, B. Anderson, C. Hague, M. Ferreria, E. Kennedy</i>	4411
CRITICAL ELEMENTS PERCEIVED BY ONLINE DOCTORAL STUDENTS THAT ENABLE FORMATION OF A COMMUNITY OF INQUIRY M. Gray, L. Crosta, V. Manokore, A. Edwards	4419
<b>MODEL OF STUDENT WORKLOAD: A CASE OF BUSINESS INFORMATICS</b> <i>P. Matkovic, L. Seres, M. Maric, P. Tumbas</i>	4429
EDUCATING GENERAL PRACTITIONERS IN THE CONTEXT OF THE SIGNIFICANCE OF COMMUNICATION WITH PATIENTS FOR EFFICIENT MANAGEMENT OF HEALTHCARE ORGANISATIONS IN POLAND B. Freund	4436
WAYS OF UNDERSTANDING LEADERSHIP BY POLISH NURSES B. Freund, R. Dorczak	4441
THE USE OF FACEBOOK IN THE FACILITATION OF INTERNATIONALIZATION IN HIGHER EDUCATION. A CASE STUDY BASED ON STUDENTS PERSPECTIVE L. Manasia, S. Stoica, L. Mihai	4452
STRATEGIES PERFORMED BY TEACHERS AS A FORM OF PERSUASION AND INFLUENCE DURING CLASSES: DEMOCRACY OR AUTHORITY? V. Karnyushina, S. Arkhipov, V. Shakhova, N. Arupova	4453
<b>PROMOTION OF TALENT: WHAT HAS LITERATURE SAID IN THE LAST DECADE?</b> C. Costa-Lobo, A. Ribeiro, T. Stoltz, E. Vázquez-Justo	4457
METAPHORIC IMAGE OF AN ENGLISH TEACHER AMONG UNDERGRADUATE STUDENTS V. Karnyushina, O. Vygovskaya-Kazarina, G. Khorokhorina, A. Kozis, L. Torosyan	4465
<b>PLANNING CITIES WITH WATER FRONTS: AN ACADEMIC INTERNATIONAL TEAM</b> <i>A. Virtudes, A. Duarte, B. Ledes, L. Moura, L. Marinho</i>	4471
ON EDUCATIONAL SYSTEMS - ROMANIA AND AUTONOMOUS TERRITORIAL UNIT OF GAGAUZIA (GAGAUZ YERI), REPUBLIC OF MOLDOVA G.A. Necula	4481
<b>THE EXPERIENCE OF THE APPLICATION OF A GAMIFIED VIRTUAL LEARNING</b> <b>ENVIRONMENT IN HIGHER EDUCATION</b> <i>M. Tenório, R. Lopes, L. Góis, C. Mesquita, G. Santos Júnior</i>	4486

ADVERTISING AS A DETERMINANT OF FAMILIES AND CHILDREN'S FOOD CHOICES C. Ribeiro, C. Mesquita, M.J. Rodrigues, R. Lopes	4495
	4502
CITY PROJECT BY RIVER FRONTS ON BEHALF OF UNIVERSITY INTERNATIONAL RESEARCH A. Virtudes, A. Debicka, L. Janik, M. Barwinska, N. Choinacka	4508
ON ENHANCING TRANSLATORS' COMPETENCE THROUGH TRANSLATION AUDITING R. Kasperavičienė, J. Motiejūnienė, D. Venckienė	4518
DEVELOPING MANAGERS FOR A DIGITALIZED INDUSTRY - PROPOSAL OF A METHODOLOGICAL FRAMEWORK K. Pavlica, I. Matoušková, R. Kaiser	4525
<b>THE EFFICIENCY OF STUDENTS' RESEARCH ACTIVITIES AT THE FOOD PRODUCTION UNIVERSITY</b> <i>A. Hakobyan, K. Hakobyan, L. Krylova, N. Mekeko</i>	4532
<b>DEVELOPING HIGHER EDUCATION: AGILE METHODS IN SERVICE DESIGN</b> <i>S. Luojus, S. Kauppinen, J. Lahti</i>	4540
TARGET	4550
P. Fuentes-Durá, M. Puyuelo-Cazorla, M. Val Fiel, J.L. Higón Calvet ASPECTS OF THE ACTIVITIES OF A STUDENT CENTER FOR MEDIA PRACTICES AND RESEARCH M. Atanasova	4556
THE DEVELOPMENT OF MASS EDUCATION IN SOUTHERN EUROPEAN COUNTRIES: FROM SINGULARITY TO CONVERGENCE? M. Dias	4560
<b>REALITY AND ARCHITECTURAL VISION THROUGH A (RE)THINKING PROCESS</b> <b>CONCEPTUAL APPROACH FOR PRESERVATION DESIGN</b> <i>F. Maroldi, M. Muner, F. Dell' Arciprete, S. Lettieri</i>	4566
A STRUCTURAL DESIGN APPROACH TO CONTEMPORARY ARCHITECTURE: BETWEEN METHODOLOGICAL INSTRUMENTS AND PROJECT EXPERIENCES F. Maroldi, F. Dell' Arciprete	4577
OUR PROFESSIONAL LIVES AS EDUCATORS AND THE IMPLICATIONS OF THE CAREER STAGES THEORY M.J. Self	4588
<b>CO-CREATING IMPACTFUL RESEARCH INTO PRACTICE THROUGH CROSS-SECTOR</b> & <b>CROSS-INSTITUTIONAL NETWORKING</b> D. Hewlett	4589
DIFFICULTIES AND CONTROVERSY IN MULTILINGUAL LEARNING ENVIRONMENTS. EDUCATIONAL STRATEGIES IN TEACHING & LEARNING ROMANIAN LANGUAGE M. Nita, G.A. Necula	4593
MULTICULTURALISM AND MULTILINGUALISM IN THE CONTEXT OF GLOBALIZATION IN UTA GAGAUZIA M.A. Ifrim, G.A. Necula	4601
<b>EVALUATION OF TECHNICAL AND ECONOMIC LEVEL OF ENTERPRISES IN THE</b> <b>ASPECT OF FORMATION OF THE DIGITAL TECHNOLOGY PLATFORM</b> <i>L. Pechenaya, L. Ivanova-Shvets, I. Bogomolova, I. Domarev, A. Bogomolov</i>	4605
<b>INFLUENCE OF THE FACTOR OF LABOR MOTIVATION ON YOUTH EMPLOYMENT</b> <i>L. Ivanova-Shvets, L. Pechenaya, S. Ledneva, S. Mirzabekova, E. Kuzub</i>	4613
-	4620
THE INFLUENCE OF GEOGEBRA SIMULATIONS ON BASIC PHYSICS STUDENTS' PERFORMANCE AT UNIVERSITY LEVEL J. Álvarez, V. Carbonell, E. Martínez, M. Flórez	4624
	4630

METADESIGN WORKING STUDIO ACTIVITIES: BETWEEN DIDACTICAL APPROACHES AND TECHNICAL EXPERIENCES F. Maroldi, F.C. Invernizzi, M. Rizzuto, S. Sangalli	4638
HOW TO PREPARE PROFESSIONALS FOR LEAVING CARE: A TRAINING CHALLENGE E. Biffi, S. Tedesco, M. Brasca, C. Montà	4649
<b>LEARNING STYLE GAMIFICATION MODEL: GAMIFICATION IN E-LEARNING BASED</b> <b>ON STUDENTS' LEARNING STYLES</b> <i>N. Zaric, S. Scepanovic, U. Schroeder</i>	4654
<b>STEM OR S.T.E.M.? CHALLENGING A TRADITIONAL PARADIGM THROUGH</b> <b>INNOVATIVE THREE-STEP APPROACH TO STEM TEACHER EDUCATION</b> D. Tsybulsky, M. Milner-Bolotin, S. Chachashvili-Bolotin	4664
EMPLOYER PERCEPTION OF MOOC CERTIFICATES IN THE PERSONNEL SELECTION PROCESS S. Dreisiebner	4673
A LONGITUDINAL FOLLOW-UP ON THE DEVELOPMENT OF ENTREPRENEURIAL INTENTIONS AND BEHAVIORS OF HIGHER EDUCATION STUDENTS S. Joensuu-Salo, E. Varamäki, A. Viljamaa	4681
<b>THE EVALUATION OF TWO CHILDCARE COACHING MODELS IN MINNESOTA</b> <i>A. Bailey, C. Croft Bachman</i>	4689
SOFTWARE SKILLS PROFILE FOR PERSONALIZED TRAINING A. Vasilateanu, O.M. Deliu, A. Bulac	4699
APPLICATION OF THE YOUTUBE CHANNEL IN THE PRACTICE OF TEACHING THE ENGLISH LANGUAGE IN UNIVERSITIES WITH HUMANITARIAN FRONTS A. Khabryankina, S. Pashaeva, A. Atabekyan	4704
PARAMETRIC SIMULATION TOOLS IN THE EDUCATIONAL PROCESS OF STUDENTS OF ARCHITECTURE. TWO YEARS OF EXPERIENCES FROM THE IMPLEMENTATION OF INNOVATIVE CLASSES IN THE FIELD OF SUSTAINABLE DESIGN <i>M. Sitek</i>	4710
VIRTUAL LEARNING ENVIRONMENT AS A TOOL OF MOTIVATION TO LEARN ENGLISH IN MODERN RUSSIAN SCHOOL A. Mubarakshina, A. Karimova, O. Khasanova, G. Filippova	4717
BIM AS A TOOL TO DEVELOP COLLABORATIVE CAPACITIES IN MASTER'S STUDENTS	4724
F. Ayuga, A.I. García, J.M. Fuentes, E. Gallego, A. Ramírez-Gómez, M.T. Gómez-Villarino, D. Caballol BEHIND THE WALL: A PRELIMINARY STUDY OF STUDENT AND FACULTY INTERACTION IN SYNCHRONOUS VIRTUAL EDUCATION FOR FEMALE STUDENTS IN SAUDI HIGHER EDUCATION N. Alamri, L. Muir, S. Smith, C. Smith	4729
EDUCATION AND BUSINESS MANAGEMENT: TWO CONCEPTS CONSTRAINED TO COPE	4740
J.L. Sánchez Melgarejo DESIGN OF ONLINE LANGUAGE COURSES IN SLOVAKIA: EXPERIENCE IN BUSINESS AND ACADEMIC ENVIRONMENTS V. Medárová, J.L. Sánchez Melgarejo	4744
APPS MULTIPLATFORM FOR TEACHING AND LEARNING CHEMISTRY A. Grunewald Nichele, L. Zielinski do Canto	4752
WOMEN PREFER RECIPROCITY: GENDER-RELATED DIFFERENCES IN ACADEMIC NETWORKING ON TWITTER S.B. Linek, R. Jäschke, C.P. Hoffmann	4759
<b>USE OF NEW TECHNIQUE IN TEACHING AND LEARNING-JIGSAW METHOD IN</b> <b>FLIPPED TEACHING</b> <i>K.K. Poloju, C.R. Rollakanti, R. Manchiryal</i>	4768
GAMIFICATION SOFTWARE FOR IMPROVING SOFTWARE DEVELOPMENT PRODUCTIVITY A. Vasilateanu, R.D. Ene, C.A. Popescu	4775
EFFECTIVENESS OF FLIPPED CLASSROOM APPROACH: A CASE STUDY WITH FRESHMEN UNDERGRADUATE STUDENTS IN OMAN C.R. Rollakanti, R. Manchiryal, V.R. Naidu, K.K. Poloju	4783
PROMOTING INNOVATIVE LEARNING SPACES AT UNIVERSIDAD MIGUEL HERNÁNDEZ. ELCHE. SPAIN. A DESIGN THINKING EXPERIENCE I. Montiel, A.M. Mayoral	4790

THE METHOD OF FORMING A SYSTEM OF CONCEPTS ABOUT THE DYNAMIC SYSTEM FOR UNDERGRADUATE STUDENTS OF RADIO ENGINEERING SPECIALTIES A. Imanbayeva, Z. Zhanabaev	4798
THE HERO'S JOURNEY ON RETIREMENTREVIEWING CULTURAL VALUE AND COMMUNICATION IMPLICATIONS FROM LIFE STORY Y. Tsai, K.J. Tsang, K.S. Wang	4803
GROUND ZERO - SEMIOTIC CONFLICTS IN THE MEASURES OF CENTRAL TENDENCY IN PROFESSIONAL EDUCATION H. Bogas, M.M. Nascimento, E. Morais, S. Raposo	4809
A LEARNERS' STYLE UNDER CONSIDERATION – EVALUATION AND REDESIGN OF A BLENDED LEARNING COURSE IN HIGHER EDUCATION N. Zaric, R. Roepke, U. Schroeder	4817
EXAMINING MOTIVATION, PERSISTENCE AND RESISTANCE AMONG BLACK MALE PRE-SERVICE TEACHERS T. Bridges	4827
<b>LET IT BE: STATISTICAL PROJECT WORK IN THE PROFESSIONAL EDUCATION</b> <i>H. Bogas, M.M. Nascimento, E. Morais</i>	4828
ANGOLANDIA. TEACHING-LEARNING INTERVENTIONS FOR FOSTERING UNDERSTANDING AND EXPLORATION OF THE CONCEPT OF ANGLE AT PRIMARY SCHOOL A. Piu, C. Fregola, A. Santoro	4829
MULTIDISCIPLINARY RESEARCH AND IMPLEMENTATION IOT BASED PROJECTS AS CULMINATING EXPERIENCE FOR ENGINEERING MAJORS S. Dasaraju, H. Shahnasser	4839
BREAKING DOWN SILOS: A CAPABILITIES FRAMEWORK TO UNDERSTAND, COMMUNICATE, AND ADVOCATE FOR EFFECTIVE ACADEMIC TECHNOLOGY TEAMS L. Sonnenberg, D. Archibald, A. Onan	4846
INVESTIGATING PARENTAL INVOLVEMENT IN THE EDUCATION OF THEIR CHILDREN M. Chatila	4850
COMPASSION FATIGUE AND INSTRUCTIONAL PERFORMANCE OF FACULTY MEMBERS IN A PRIVATE HIGHER EDUCATION INSTITUTION D. Cadahing	4858
FROM EXCLUSION TO INCLUSION OF PEOPLE WITH DISABILITIES B. Trębicka-Postrzygacz, A. Roguska, A. Antas-Jaszczuk	4869
<b>LEARNING HISTORY: BORING FACT MEMORISING OR EXCITING FACT</b> <b>GENERATION?</b> <i>M. Eggink</i>	4875
STUDY ON DIFFERENCES IN SELF-ESTEEM IN CHILDREN WITH NORMAL DEVELOPMENT AND THOSE WITH LANGUAGE DISORDERS S. Fat, G. Panisoara, C. Sandu, I. Lazar	4885
<b>CONTEXTUALISING THE CEFR: THE UNIVERSITI MALAYSIA PAHANG ENGLISH</b> <b>LANGUAGE PROFICIENCY WRITING TEST</b> Z. Mohd Ali, F. Ali, N.R. Mohd Radzuan, N.A. Nik Mohd Alwi, N.L. Abu Kassim, Z. Mohd Don	4892
<b>TRANSFER TECHNOLOGY: A STRUCTURAL INSIGHT</b> J. Toman, B. Klímová	4903
<b>COMPUTATIONAL THINKING FROM A DISCIPLINARY PERSPECTIVE</b> J. Malyn-Smith	4913
INVESTIGATING THE CHALLENGES FACED BY UNDERGRADUATE STUDENTS IN ACQUIRING EMPLOYMENT: A CASE STUDY OF OFFICE MANAGEMENT AND TECHNOLOGY STUDENTS AT DURBAN UNIVERSITY OF TECHNOLOGY K. Ngwane, Y. Mkhize, M. Ngibe	4914
AN INVESTIGATION INTO THE TUTORIAL PROGRAMME EFFECTS ON STUDENT RESULTS IN THE FACULTY OF ACCOUNTING AND INFORMATICS K. Ngwane, X. Xaba, N. Ngobese	4920
EDUCATION FOR SUCCESS IN FUTURE WORK AT THE HUMAN-TECHNOLOGY FRONTIER J. Malyn-Smith	4925

THE USE OF AUDIO-VISUAL MATERIAL PRODUCED BY STUDENTS AS A TOOL IN THE LEARNING PROCESS J. Hernández Saz, D. Fernandez Reyes, D. Sales	4926
AN ASSESSMENT STRATEGY, THE MOST SIGNIFICANT CHANGE TECHNIQUE, WILL BE DESCRIBED INCLUDING ITS USE AND SUCCESS IN A TEACHER PREPARATION PROGRAM	4932
J.C. McDermott, F. Chapel PREFERENCES OF STUDENTS OF SELECTED COLLEGES IN THE SOUTH BOHEMIAN REGION WITHIN THE SEARCH FOR EMPLOYMENT L. Ližbetinová	4938
USING MOODLE ANALYTICS FOR CONTINUOUS E-ASSESSMENT IN A FINANCIAL MATHEMATICS COURSE AT POLYTECHNIC OF PORTO A.P. Lopes, F. Soares	4944
<b>ONLINE ASSESSMENT THROUGH MOODLE PLATFORM</b> F. Soares, A.P. Lopes	4952
<b>DEXTERITY EXAMINATION OF SENIOR HIGH SCHOOL STUDENTS AY: 2017-2018</b> <i>M.T.B. Sta. Maria, R. Marcos, D. Cadahing</i>	4961
PHYSICAL EDUCATION AS A VECTOR FOR ENHANCING THE INTEREST ON SCIENCE STUDIES	4966
E. Diez Jimenez, M. Martínez-Muñoz, J. Muñoz-Jiménez, I. Valiente-Blanco, M.J. Gómez-García EXCEL APPLICATION TO EDUCATION PROCESS IN THE MAJOR "MANAGEMENT AND PRODUCTION ENGINEERING". EXAMPLES OF COST ESTIMATION WITH VARIABLE COSTING A. Januszewski	4976
<b>'SO I REWINDED MY TEACHER MANY TIMES'- FLIPPED CLASSROOM IN PRIMARY EDUCATION</b> <i>M. Loizou Raouna, K. Lee</i>	4984
PRINCIPLE OF GRADATION OF DIFFICULTY IN MANAGEMENT ACCOUNTANTS EDUCATION. EXAMPLE OF THE SOLVER APPLICATION. SECOND PART A. Januszewski	4994
FACULTY TRAINING CONSTRUCTION: REGULATORY/COMPLIANCE, PERFORMANCE-BASED OR PROFESSIONAL DEVELOPMENT CENTERED B. Barrett	5003
THREATENING THE ROOFS OVER OUR HEADS: EXPLORING THE ROLE OF ACADEMIC INSTITUTION EXPANSION IN THE GENTRIFICATION AND DISPLACEMENT OF RESIDENTS IN ECONOMICALLY DISADVANTAGED, URBAN COMMUNITIES S. Thomas-El	5012
COUNTERACTING OTHERING: THE VALUE OF RELATIONAL MICRO- INTERVENTIONS TO STUDENT BELONGING, CURIOSITY, & SUCCESS G. Baleria	5013
DESIGNING AN E-LEARNING COURSE TO INTEGRATE INFORMATION FLUENCY SKILLS IN A MEDICAL CURRICULUM R. Saliba	5023
TRAINING EXPERIENCES ON PREVENTING EARLY SCHOOL LEAVING WITH ROMANIAN TEACHERS AND SCHOOL COUNSELLORS S. Tibu	5028
BLENDED LEARNING PLATFORMS FOR MATHEMATICS AND PHYSICS - THE OPEN EDUCATIONAL RESOURCES OF THE UNIVERSITY OF APPLIED SCIENCES TECHNIKUM WIEN G. Krizek, S. Lietze, G. Brezowar	5035
SOILS: AN EXPERIENCE WITH PRE-SERVICE TEACHERS M. Ortuzar-Iragorri	5040
MOODLE ANALYTICS: GUIDELINES FOR OPTIMIZING ELEARNING COURSES I. Aranburu, B. Plaza, M. Esteban, G. Insunza, A. Basañez	5045
FACILITATING CREATIVE THINKING: A CASE STUDY AIMED AT UNDERSTANDING THE VALUE OF TEACHING FACILITATING CREATIVE THINKING WITHIN DESIGN MANAGEMENT MASTERS PROGRAMMES H. Collins	5052
KEY PERFORMANCE INDICATORS OF VIRTUAL TEAMWORK: A CONCEPTUAL FRAMEWORK A.I. Jony, E. Serradell-Lopez	5059

INNOVATIVE PRACTICAL SESSION TO ENHANCE SPECIFIC STUDENT COMPETENCE IN APPLYING IN VITRO EMBRYO RESCUE IN PLANT BREEDING E. García-Fortea, P. Gramazio, S. Vilanova, J. Prohens, M. Plazas	5069
<b>DYNAMICS OF SYNERGIES IN RESEARCH COLLABORATIONS</b> E.L. Sesale, T. Ramarumo, S.M. Seeletse	5075
ENHANCING SPECIFIC COMPETENCES IN MICROSCOPIC TECHNIQUES IN PLANT SCIENCES MASTER STUDENTS E. García-Fortea, M. Plazas, S. Vilanova, J. Prohens, P. Gramazio	5076
ACADEMIC RESEARCH AND EVALUATION OF NEW TRENDS IN MENTAL AND PHYSICAL ACTIVITIES IN 2012-2018 V. Strnadová, P. Voborník, K. Provazníková	5082
A NEW HIGH SCHOOL ON A REMOTE RURAL AREA. SOCIAL RESEARCH PROJECT ON STUDENTS PERCEPTIONS ON A NEW EDUCATIONAL HORIZON AND SOCIAL LIFE IN THE RURAL AREA V.A. Querol Vicente, X. Ginés Sánchez	5091
<b>RESEARCHING AT WORK - PATTERNS OF LEARNER ENGAGEMENT</b> L. Solkin	5095
<b>THE 5TH HOUR: CONTRIBUTING TO STUDENT SUCCESS IN AN EAP PROGRAM</b> N. Kerr, P. Reddy	5096
<b>INSPIRE: SUPPORTING TEACHERS IN THE UAE</b> <i>P. Reddy, J. Eppard</i>	5097
RESEARCH AND TEACHING OF DIGITALLY PROGRAMMABLE OSCILLATORS WITH MODELING IN THE TINA-TI ENVIRONMENT AND THE APPLICATION OF OPEN SOURCE PLATFORMS D. Shehova, S. Lyubomirov, V. Raydovska	5098
INCLUSION OF STUDENTS WITH SPECIAL NEEDS IN PRIVATE SCHOOLS IN KUWAIT: CHALLENGES THAT FACE SCHOOL ADMINISTRATORS A. Alansari	5106
<b>SUPPORT OF BLENDED LEARNING IN DOMAIN-SPECIFIC TRANSLATION STUDIES</b> <i>E. Sosnina</i>	5112
ACTIVE LEARNING IN KEY SUBJECTS OF CHEMICAL ENGINEERING DEGREE E. Gonzalez, I. Diaz, M. Rodriguez, M. Gonzalez-Miquel	5117
PROMOTING MOTIVATION AND GENERIC KEY SKILLS IN PROCESS AND PRODUCT DESIGN TEACHING I. Diaz, M. Gonzalez-Miquel, M. Rodriguez, E. Gonzalez	5118
<b>FURTHER DEVELOPMENT OF LEARNING SPACES THROUGH CONCEPT MAPPING</b> <i>I. Payá Zaforteza, I. Kuster Boluda, N.M. Vila López, P. Fuentes-Durá</i>	5119
<b>CREATING THE CLASSROOM OF THE FUTURE THROUGH CO-CREATION</b> <i>P. Fuentes-Durá, N. Matarredona-Desantes, T.M. Pellicer Armiñana, S. Asensio Cuesta, I. Payá</i> <i>Zaforteza</i>	5129
<b>DEVELOPMENT OF EDUCATIONAL COMPETENCES IN UNIVERSITY STUDENTS ON</b> <b>THE WATER DECONTAMINATION PROJECT</b> <i>J. Tijerina Aguilera, J. Honorio Cárdenas, G. Espinosa Garza, I. Loera Hernández, N. Antonyan</i>	5136
PERSIA AMERICANA PROJECT. REFLECTION ON DIDACTIC TECHNIQUES AND USED EVALUATION METHODS	5142
J. Honorio Cárdenas, J. Tijerina Aguilera, G. Espinosa Garza, I. Loera Hernández, N. Antonyan LITERACIES INNOVATIVELY P. Voborník	5147
APPLIED OPERATIONAL EXCELLENCE ON THE PROJECT "CREATION OF NEW PRODUCTS BASED ON MELON SEEDS". RESULTS AND REFLECTIONS G. Espinosa Garza, J. Tijerina Aguilera, J. Honorio Cárdenas, I. Loera Hernández, N. Antonyan	5154
A REVIEW OF SCIENTIFIC STUDIES ON THE EFFECTIVENESS OF SPEECH- GENERATING DEVICES TO STIMULATE COMMUNICATION IN PEOPLE WITH AUTISM A. Rega, F. Somma, R. Simeoli	5160
USING INTERACTIVE DOCUMENTARIES TO PRESERVE AND SHARE TRADITIONAL ORAL STORIES J. Eppard, A. Hashi	5166
A TOOL FOR SPECIALISTS TO EXPLORE THE QUALITY OF IT ASSISTANCE IN SPEECH THERAPY C. Sandu, G. Panisoara, I. Lazar, S. Fat	5167

<b>MOBILE LEARNING IN THE ESL/EFL CLASSROOM</b> J. Sanchez Marin, O. Vargas Ureña	5173
<b>EXPERIENTIAL CHANGE MANAGEMENT LEARNING FOR ENGINEERS</b> E. Olguin, F.J. Caro, L. Valdez	5177
<b>PEER TUTORING IN MATHEMATICS. IMPACT ON ACADEMIC ACHIEVEMENT WITH</b> <b>PROPORTIONALITY CONTENTS IN 7TH GRADE</b> <i>F. Alegre, L. Moliner</i>	5187
STUDENTS' ATTITUDES TOWARDS USING YOUTUBE AS A LANGUAGE LEARNING TOOL R. Faizi, S. El Fkihi, M. Rudneva, A. El Afia	5191
PEER TUTORING IN MATHEMATICS. IMPACT ON SOCIAL AND EMOTIONAL VARIABLES IN A SECONDARY EDUCATION CLASSROOM F. Alegre, L. Moliner	5197
THE ATTITUDE OF THE STUDENTS FROM DIFFERENT CULTURAL BACKGROUNDS TOWARDS AN ENGAGING LEARNING ENVIRONMENT AT A SPECIALIZED UNIVERSITY	5201
D. Gudaityte, E. Butrime, U. Keturakis, V. Tuomaite MANAGEMENT ACCOUNTING COURSES USING FLIPPED CLASSROOM METHODOLOGY: A MYTH OR REALITY?	5206
P. Silva	
THE CREATIVE INTERNPRIZE INTERNATIONAL PROJECT: PREPARING STUDENTS DO BE ENTREPRENEURS P. Silva, A. Mesquita	5207
GAMIFICATION AND ACTIVE METHODOLOGIES AT UNIVERSITY: THE CASE OF TEACHING LEARNING STRATEGY IN LAW D. Serra Castilhos	5208
NOVEL RESOURCES FOR LEARNING THE IDENTIFICATION OF HUMAN-RELATED PARASITES A. Peña-Fernández, M.C. Lobo-Bedmar, L. Acosta, F. Izquierdo	5212
<b>HISTOLOGY RESOURCES FOR PROMOTING BLENDED LEARNING</b> A. Peña-Fernández, I. Ramos, C. Young, D. Gray, M. Evans, M. Randles, L. Zhu, M.C. Lobo-Bedmar	5218
<b>TEACHING INTERVENTION TO ENHANCE HIV INFECTION AWARENESS IN A</b> <b>BIOMEDICAL SCIENCE DEGREE</b> <i>A. Peña-Fernández, M.A. Peña, J.B. Escalera</i>	5223
<b>PICTOGRAM TOOL OF PROJECT GÜRD</b> J. Oliberius, L. Bolek, P. Kunášek, E. Pfefferová, L. Štich	5228
TEACHING MEDICAL PARASITOLOGY IN A NEW PHYSICIAN ASSOCIATE MASTER'S PROGRAMME A. Peña-Fernández, M.A. Peña	5229
NEURO-COGNITIVE EFFECTS OF FOREIGN LANGUAGE LEARNING IN OLDER ADULTS Y. Lin, D. Wei, M. Gillon Dowens	5235
INVOLVING CITIZENSHIP FOR A MORE INCLUSIVE SOCIETY. PROPOSAL OF EDUCATIONAL INNOVATION MODEL	5243
M. Diaz Rodriguez, D. Aguilar García, L. Alcantara Rubio, E. Puertas Cristóbal REINVENTING UNIVERSITY IN THE XXI CENTURY: NEW THEORIES AND NEW PSYCHO-PEDAGOGIC MODELS FOR TEACHING AND LEARNING IN THE INTERNET M.A. Garito	5249
STUDENTS' ATTITUDES TOWARD THE USE OF M-LEARNING – A STUDY IN THE BULGARIAN SECONDARY SCHOOLS E. Goranova, V. Vionohovska	5257
THE POTENTIAL OF SCRATCH TO SUPPORT PROJECT-BASED LEARNING ACROSS DIFFERENT SUBJECTS V. Vionohovska, E. Goranova	5264
CORRELATION BETWEEN PARENTAL SOCIALIZATION AND TEACHING AND ATTITUDES TOWARDS INDEBTEDNESS AMONG PORTUGUESE HIGHER EDUCATION STUDENTS M.I. Ribeiro, A. Fernandes	5272
ACADEMIC CURRICULUM FOR ADDITIVE MANUFACTURING INCLUDING TRADITIONAL SECTORS AND ENTREPRENEURSHIP IN 3D PRINTING G. Cañavate-Cruzado, M. Fras, V. Koch, M.V. Gómez-Gómez, M. Kirkar, J. Garrido-Lova, M.V. Bueno- Delgado	5279

<b>EXPERIENCES M-LEARNING IN HIGHER EDUCATION</b> N.P. Maldonado Reynoso, A.J. Rodriguez Aguirre	5292
EDUCATIONAL POLICIES WITH GENDER EQUITY FOR THE DEVELOPMENT AND INCLUSIVE SOCIETY. CASE STUDY: MEXICO 2012-2018 N.P. Maldonado Reynoso	5299
EDUCATIONAL PXI-PLATFORM FOR RESEARCHING OF CONTROL SYSTEMS, DIGITAL SIGNAL PROCESSING AND SIMULATION MODELING A. Sotnikov, V. Syuzev, E. Smirnova, T. Kim	5303
<b>CONTENT CURATION: WHAT IS IT? HOW TO APPLY THIS TECHNIQUE IN HIGHER EDUCATION? RESOURCES AND TOOLS AVAILABLE</b> J.S. Artal-Sevil, E. Romero	5313
<b>USE OF THE "CHESS" MODEL OF CHANGE MANAGEMENT FOR THE TEACHING OF ENGINEERING IN THE POST-CONFLICT IN COLOMBIA</b> E. Olguin, L. Valdez, J. Gutierrez	5324
<b>MYTH AND REALITY ABOUT 'EMPOWERING' IN TEACHING</b> E. Romero, J.S. Artal-Sevil	5335
DEVELOPMENT OF VERBAL COMPETENCES THROUGH READING E.L. Mara	5343
THE JIGSAW CLASSROOM TECHNIQUE APPLIED TO BUILDING RETROFIT WORKSHOPS V. López Mateu, T.M. Pellicer Armiñana	5348
PARTICIPATORY ACTION RESEARCH AS AN INTEGRATING FACTOR IN RESEARCH PROJECTS-THE EDUCATIONAL PROCESS OF THE INHABITANTS OF MANGLARALTO COASTAL AQUIFER IN ECUADOR G. Herrera Franco, K. Yambay de Armijos, P. Carrión Mero	5349
SUSTAINABLE RURAL DEVELOPMENT THROUGH VOCATIONAL EDUCATION: SOT RIVER LANDSCAPE RESTORATION WORKSHOP 2015 V. López Mateu, T.M. Pellicer Armiñana, J. Blanch Vanacloig	5359
<b>USE OF EYE TRACKING FOR DESIGNING OF LEARNING SPACES</b> W. Tuszyńska-Bogucka, M. Borys, M. Dzieńkowski, B. Kwiatkowski, W. Kocki, J. Pełka, J. Bogucki	5360
CONTRIBUTIONS FROM HIGH-PROFILE PRIVATE INSTITUTIONS TO HIGHER EDUCATION IN MEXICO M. Aguilar-Trejo, A. Cuevas-Romo	5369
AN EVALUATION OF ACTIVE LEARNING THROUGH TEAMWORK ACTIVITIES IN TERTIARY EDUCATION A. Cotter, M. Oldham	5379
COLLABORATIVE LEARNING, PROJECT-BASED LEARNING AND E-LEARNING FOR PROGRAMMING LANGUAGE COURSES I.I. Méndez-Gurrola, R.B. Silva-López	5383
<b>IDENTIFYING THE MOST DIFFICULT TOPICS IN A COMPUTER SCIENCE SUBJECT</b> <b>TAUGHT WITH DISTANCE METHODOLOGY</b> <i>L. Araujo, F. López-Ostenero, J. Martinez-Romo, L. Plaza</i>	5388
THE UNIVERSITY ADMINISTRATOR: FROM EXECUTIVE ROBOTO TO AN INSPIRATIONAL LEADER J. Anchan, K. McCluskey	5395
<b>LOOKING BEYOND E-LEARNING: THE IMPACT OF COGNITIVE COMPUTING</b> <i>M. Coccoli, P. Maresca, A. Molinari, L. Stanganelli</i>	5396
FACTORS DETERMINING THE DEVELOPMENT OF HEALTH COMPETENCES IN SCHOOLS OF GENERAL EDUCATION: EXPERIENCES OF PEDAGOGUES R. Raudeliūnaitė, V. Gudžinskienė	5405
LANGUAGE, CULTURE AND DEAF IDENTITY: (AUTO) BIOGRAPHY AND REFLECTIONS ABOUT THE INCLUSION OF DEAF PEOPLE IN THE SCHOOL CONTEXT S. Mendonca Lopes, S. Almeida, J. Maltauro Juliano	5414
<b>BLOCKCHAIN IN EDUCATION: EDUCA-TECH MODEL</b> J. Pelaez, R. Pelaez, V. Amar	5420
HOW FAR CAN MEXICO ADVANCE IN HIGHER EDUCATION IN THE NEXT SIX YEARS? N. Dominguez-Vergara, M.G. Gonzalez-Rubi, G.A. Dominguez-Perez	5427
SUCCESSFUL EXPERIENCES IN THE COOPERATION BETWEEN PEDAGOGUES AND PARENTS WHEN DEVELOPING HEALTH COMPETENCES IN PUPILS R. Raudeliūnaitė, V. Gudžinskienė	5428

xlv

A CASE STUDY OF OPEN-LOOP DESIGN THINKING CURRICULUM TO BRING UP MORE INNOVATION OUTCOMES AND FOSTER INNOVATION ABILITY L. Hongwei, Z. Meng, W. Yuanjie, L. Xin	5435
LABOUR MIGRANTS IN THREE EUROPEAN LABOUR MARKETS ZONES: BOTTLENECK VACANCIES ANALYSIS A. Privara, M. Pitukhina, O. Tolstoguzov	5441
WORLD OF PHYSICS: AN IMMERSIVE 3D VIRTUAL ENVIRONMENT TO ASSIST STUDENTS IN PHYSICS EDUCATION S. Ottaviano, D. La Guardia, M. Allegra, M. Gentile, V. Dal Grande	5449
<b>PERSPECTIVES AND INNOVATIONS IN TERTIARY EDUCATION IN SLOVAKIA</b> D. Orszaghova, R. Hornyak Greganova, V. Papcunova	5456
OBSCIF – A RELIABLE AND VALID OBSERVATIONAL INSTRUMENT FOR MEASURING CHARACTER STRENGTHS H. Bang, O. Boe, D.E. Eilertsen, F. Nilsen	5465
DEVELOPMENT OF GRAPHOMOTOR SKILLS IN PRESCHOOL CHILDREN THROUGH PLAY ACTIVITIES M. Fasnerová	5474
MOBILE LEARNING AND SOCIAL NETWORKING IN UNIVERSITY TEACHING S. Rodríguez Ferrández, A. Pintado Alcázar	5480
PUPILS' OPINION ON THE SITUATION OF NON-FORMAL EDUCATION INVOLVING STEAM SUBJECTS AND THE NEED FOR IT IN ŠIAULIAI CITY R. Bilbokaitė, V. Šlekienė, I. Bilbokaitė-Skiauterienė	5485
SUPPORTING THE EFFECTIVENESS OF LANGUAGE LEARNING IN SCHOOLS: SELF- REPORTED EXPERIENCES OF INTERNATIONAL TEACHING ASSISTANTS WITH COMPUTER ASSISTED LANGUAGE LEARNING TOOLS IN SPAIN J. Knight	5492
<b>AUTOMATING DATA COLLECTION AND ANALYSIS IN PSYCHOLOGICAL AND</b> <b>EDUCATIONAL TREATMENTS FOR AUTISM</b> <i>A. Rega, L. Iovino, F. Somma, A. Mennitto, A. Granata</i>	5502
COMPETENCES OF TEACHERS IN RESEARCH, DEVELOPMENT AND INNOVATION WORK AT THE UNIVERSITIES OF APPLIED SCIENCES IN FINLAND P. Mantere, H. Lassila	5508
STUDYING ABROAD AS AN ANTECEDENT TO FIND A JOB. EVIDENCE FROM YOUNG EUROPEANS A. Labella-Fernández, J. Martínez-Del-Río	5515
BRINGING REAL ANALYTICAL CHEMISTRY TO THE CLASSROOM: A PROBLEM- BASED APPROACH I. González-Gil, M. Posada-Ayala	5519
AN EDUCATIONAL APPROACH TO ROBOTICS B. Zappa, V. Lorenzi, P. Righettini, R. Strada, F. Locatelli	5525
ADVANCED TECHNOLOGIES IN THE TEACHING OF NATURAL SCIENCES: INFLUENCE OF VEGETATION ON THE ECOSYSTEMS TEMPERATURE USING INFRARED THERMOGRAPHY J. Crisóstomo, C. Pereira, M.E. Ferreira, R. Pitarma	5533
APPLICATION OF RELATIONAL COORDINATION MODEL IN STUDENTS' PERCEPTION OF QUALITY. THE CASE OF ARCADA UNIVERSITY IN FINLAND C. De-Pablos-Heredero, C. Tigerstedt, C. Checa, A. García-Martínez	5539
"FROZEN MOMENTS" IN THE DIGITISATION OF HIGHER EDUCATION TEACHING - SELF PHOTOGRAPHY AS A CRITICAL ETHNOGRAPHIC APPROACH TO EVALUATE ACADEMIC IDENTITIES IN A CROSS CULTURAL SETTING F. Myers, H. Glover, H. Collins	5546
THE FUTURE OF HOSPITALITY EDUCATION: TRENDS AND DRIVERS OF CHANGE A. Conway, D. Melia	5552
APPLICATION OF CARTOGRAPHY TO THE DISPLAY OF BIBLIOMETRIC INFORMATION J. Haba-Osca, F. González-Sala, G. Mora-Navarro, J. Osca Lluch	5561
DESIGNING AND PROTOTYPING INTELLIGENT PRODUCTS FOR USERS WITH DISABILITIES, A TEACHING EXPERIENCE M. Romero, C. Ferrari, F. Toso	5570
IMPACTS ON LEARNING PROCESS INSIDE EDUCATIONAL CENTERS OF GUAYAQUIL-ECUADOR WITH THE IMPLEMENTATION OF A MOOC USING VLE R. Pelaez, J. Pelaez, V. Amar	5578

<b>TEACHING TECHNOLOGY AND DESIGN FOR DISABILITY, INGRADO CASE STUDY</b> M. Romero, C. Ferrari, F. Menghi, E. Di Pietro, F. Toso	5585
ACADEMIC MONITORING AS AN INFLUENCING FACTOR IN THE PRACTICAL PERFORMANCE OF NURSING STUDENTS OF A UNIVERSITY CENTER OF THE CITY OF SÃO PAULO	5591
L. Carvalho, I. Cavalcanti, J. Ferreira Silva, J. Fraga Carvalho, S. Bordallo, C.M. Ferrari, J. Nicolosi, C. D´arco, C. Novoa Fernandes, A. Rocha, G. Klein, N. Salmeron, R.P. Russo	
SUSTAINABILITY FROM DESIGN. CRITICAL OVERVIEW, ANALYSIS AND DISAMBIGUATION C. Forés Tomás, J. Galán Serrano, F. Felip	5597
<b>ROBOTICS WORKSHOP FOR EDUCATIONAL GAMIFICATION</b> J.L. Alejandre-Marco, A. Allueva-Pinilla	5604
<b>DESIGNING THE INTERDISCIPLINARY CURRICULUM FOR NZEB</b> D. Srpak, E. Tomičić, G. Elmer	5610
<b>LINKING PRE-SERVICE TEACHERS TO A RESEARCH PROJECT ON CLIMATE</b> <b>CHANGE AND CITIZEN SCIENCE WITH PRIMARY STUDENTS</b> <i>D. Boaventura, A. Neves, P. Colares Pereira, F. Caldeira, J. Santos, A. Ponces de Carvalho</i>	5616
NURTURING PRE-SERVICE TEACHERS' MINDFUL PERSISTENCE THROUGH VISUAL ARTS M. Flannery	5622
USING CITIZEN SCIENCE PLATFORMS AND MOBILE DIGITAL TECHNOLOGIES IN PRIMARY EDUCATION ON CLIMATE CHANGE: GOOD FOR FUN AND GOOD TO LEARN?	5630
D. Boaventura, A. Neves, J. Santos, C. Luís, A. Monteiro, A. Cartaxana, P. Colares Pereira, F. Caldeira, A. Ponces de Carvalho	
<b>RESULTS OF ACADEMIC REGULATION AS A SCIENCE AND TECHNOLOGY</b> <b>DEVELOPMENT POLICY IN MEXICO SINCE 1984</b> <i>M.G. Gonzalez-Rubi, N. Dominguez-Vergara, G.A. Dominguez-Perez</i>	5637
PARTICIPATION OF SCHOOL AND KINDERGARTEN HEADS IN THE FORMS OF PROFESSIONAL DEVELOPMENT J. Kołodziejczyk, J. Kołodziejczyk, G. Mazurkiewicz	5638
STRATEGIES USED BY FEMALE UNIVERSITY STUDENTS IN DEALING WITH POVERTY P. Nyewe	5644
COMPETENCES OF SCHOOL HEADS IN THE FIELD OF EDUCATIONAL LEADERSHIP J. Kołodziejczyk, G. Mazurkiewicz, J. Kołodziejczyk	5650
<b>NEW TEACHING STRATEGIES IN THE TEACHING OF THE ARCHITECTURAL</b> <b>PROJECT</b> <i>M.I. Alba Dorado</i>	5658
INNOVATION AND TRAINING IN THE TEACHING OF ARCHITECTURAL PROJECTS M.I. Alba Dorado	5663
EMBRACING ENTERTAINMENT AND INTERACTIVE ACTIVITIES IN CLASSROOM: CROSS-CULTURAL AND GENDER COMPARISONS M. Šerić	5668
<b>TOOLS TO IMPROVE FOREIGN LANGUAGE TEACHING</b> E. Dolzhich, S. Dmitrichenkova, A. Peláez Verdet	5673
CASE STUDY TO IDENTIFY CONCEPTUAL ERRORS REGARDING ORGANIC AND INORGANIC MATTER IN SECONDARY LEVEL STUDENTS J.R. Vallejo, E. Costillo	5679
TRADITIONAL COSMETICS AS A TEACHING RESOURCE: THE SECONDARY EDUCATION STUDENT LEARNING CHEMISTRY AND BIOLOGY THROUGH ETHNOSCIENTIFIC RESEARCH J.R. Vallejo, J.A. González, D. Santos-Fita, P.R. Lezama-Núñez, E. Costillo	5680
THE CHALLENGE OF DEVELOPING SEMANTIC BASED INTERACTIVE VIDEOS: AN ACTIVE LEARNING APPROACH IN HIGHER EDUCATION <i>A. Maneira</i>	5690
THE PEDAGOGICAL KNOWLEDGE OF PRE-SERVICE SCIENCE TEACHERS. ANALYSIS OF BELIEFS TO IMPROVE INITIAL TEACHER TRAINING IN CHILE S. Contreras	5697
HUMOUR IN MATHEMATICS TEACHING CAN BE A SERIOUS THING! L. Menezes	5704

PROCESS MONITORING IN THE CONTEXT OF VOCATIONAL TRAINING EDUCATION: IMPLEMENTATION EXPERIENCE ANALYSIS OF ISO 9001 STANDARD IN CHILE S. Contreras, J. Torres, L. Lippi, P. Palominos	5714
APPLICATION OF RELATIONAL COORDINATION MODEL IN STUDENTS' PERCEPTION OF QUALITY. THE CASE OF ESPAM MFL UNIVERSITY - ECUADOR C. De-Pablos-Heredero, A.L. Carreño, C. Checa, B. Barba, A. García	5718
AUTONOMY AS A QUALITY FACTOR IN THE DEVELOPMENT OF AN APPLICATION WITH DIGITAL ACCESSIBILITY FOR BLIND STUDENTS IN LARGE-SCALE EXAMINATIONS L.A. Leria, L. V.L. Filgueiras, L.A. Ferreira, F.J. Fraga	5724
SPANISH LANGUAGE ACQUISITION AND CULTURAL ACCEPTANCE BENEFITS OF STUDY ABROAD TRIPS FOR FIFTH GRADE STUDENTS E. Schaumleffle	5732
<b>EXPLORING DATA AND ART BOUNDARIES. AN APPROACH TO CREATIVE SYSTEMS</b> <b>USING BIOSENSORS</b> <i>M. Cuevas, D. Lanza, P. Lara, A. Calosci, E. Moñivas, A. Labella, E. Segura</i>	5738
KINDERGARTEN-FAMILY EDUCATIONAL PARTNERSHIP	5748
D. Mara AN EVALUATION FRAMEWORK FOR LEARNING MANAGEMENT SYSTEMS	5750
AN EVALUATION FRAMEWORK FOR LEARNING MANAGEMENT STSTEMS A. Abid, A. Hasan Tufail	5752
DISTANCE EDUCATION AS A FACTOR OF EDUCATION SYSTEM GLOBALIZATION: PROBLEMS AND PROSPECTS OF DEVELOPMENT E. Sekirina	5758
CHARACTERIZATION OF KNOWLEDGE SHARING AND COLLABORATION PRACTICES IN A PORTUGUESE UNIVERSITY: AN EMPIRICAL STUDY M. Chedid, H. Alvelos, L. Teixeira	5764
MATH LEARNING THROUGH CLASSIC CRYPTOGRAPHY E. Diez Jimenez, M. Martínez-Muñoz	5775
RE-THINKING RESEARCH FOR THE CREATIVE WRITER: A LESSON FOR THE TEACHER A. Pride	5781
INTEGRATION OF CLIMATE CHANGE PERSPECTIVES INTO ENGINEERING STUDIES: DEVELOPING APPROACHES INCLUDING BOTH SIMULATION OF FUTURE CLIMATE SCENARIOS AND ASSESSMENT OF THEIR IMPACTS C. Zarzuelo, A. López-Ruiz, J. Del-Rosal-Salido, M. Ortega Sánchez	5788
COMBINING ROLE-PLAYING AND PROJECT-BASED LEARNING AS A WAY TO INCREASE MOTIVATION OF ENGINEERING STUDENTS M. Clavero, A. Moñino, M. Ortega Sánchez	5795
THE PRINCIPLE OF FREE CHOICE APPLIED IN CONDITIONS OF KINDERGARTENS BASED ON MONTESSORI EDUCATION R. Svanhalova	5801
SOCIAL SKILLS OF PRE-SCHOOL CHILDREN K. Vankova	5806
<b>LEARNING SCENARIOS WITH ROBOTS FOR THE LEARNING OF STEM</b> E. Fernandes, S. Martins	5811
A PROJECT CENTRIC APPROACH TO INCREASE STUDENTS' INVOLVEMENT IN APPLIED COMPUTER SCIENCE COURSES U. Farooq, Q. Ali, A. Abid	5818
<b>IMPROVEMENT AND EVALUATION OF INTRODUCTORY PROGRAMMING</b> <b>EDUCATION</b> J. Shinkai, Y. Hayase	5825
A QUALITATIVE LONGITUDINAL STUDY IN EDUCATION IN RURAL ENVIRONMENTS. CHALLENGES FOR THE TECHNIQUES OF REGISTRATION AND PRODUCTION OF INFORMATION FOR VARIOUS PURPOSES V.A. Querol Vicente, E. Gómez-Nicolau	5831
MOBILE TECHNOLOGIES – BARRIERS OF USE AND THEIR IMPORTANCE IN THE RATING BY INDIVIDUAL USERS – STUDENTS OF UNIVERSITY OF WARSAW	5836
T. Parys	
	5846

<b>ENGAGING STUDENTS, HOW TO DO IT?</b> <i>R. Pizarro-Barceló, M. Herrero-Montagud</i>	5853
USING GITHUB IN SOFTWARE ENGINEERING COURSE: ANALYSIS OF STUDENTS' ACCEPTANCE OF COLLABORATIVE CODING PLATFORM A. Čižmešija, Z. Stapić, G. Bubaš	5857
<b>EDUCATION INTERNATIONALIZATION THROUGH STUDENT MOBILITY IN</b> <b>RUSSIAN FEDERATION</b> <i>N. Vatolkina, E. Starozhuk, O. Fedotkina</i>	5867
A NEW SECONDARY SCHOOL CENTER AS AN OPPORTUNITY FOR RURAL DEVELOPMENT. AN ANALYSIS OF INSTITUTIONAL ACTORS PERCEPTIONS E. Gómez-Nicolau, X. Ginés Sánchez	5874
SETTING UP A NEW MASTER PROGRAM IN THE FIELD OF MECHATRONICS AT LUCIAN BLAGA UNIVERSITY OF SIBIU R.E. Breaz, M. Tera	5879
ANALYSIS OF GEOGRAPHIC ORIGIN OF ENGINEERING STUDENTS AND THEIR CULTURAL AND ADAPTATION ISSUES AT LUCIAN BLAGA UNIVERSITY IN SIBIU <i>M. Tera</i>	5885
USING SOCIAL STUDIES LESSONS TO CHALLENGE LIBERAL FORM OF MULTICULTURAL EDUCATION: THE CASE OF THAILAND T. Arphattananon	5892
<b>CLINICAL SIMULATION WITH MULTIPROFESSIONAL TEAM</b> J.J. Fernández Alba, C. Carnicer Fuentes, C. González Macías, C. Castro Yuste, A. Vilar Sánchez, J.J. Cobacho de Alba, M. Selma García, M.J. García Cabanillas, O. Paloma Castro, M.C. Paublete Herrera, M.J. Rodríguez Cornejo, L.J. Moreno Corral	5893
SPECIFICITY AND LIMITATION OF MANOVA AND DISCRIMINANT FUNCTION ANALYSIS IN SOCIAL SCIENCES S. Opić	5901
<b>THE EFFECT OF .GIF FILES IN THE UNDERSTANDING OF KEY CONCEPTS IN</b> <b>STATISTICS AND ECONOMICS SUBJECTS</b> <i>G. Serrano, B. Cabrer-Borrás, C. Salvador, P. Rico, B. García-Carceles, P. Cuadros Solas, M. Fernández</i> <i>Moya, F. Morillas, J.M. Pavia, P.J. Pérez, M.J. Rivera, A. Martínez, A. Corberán-Vallet, M. Escriva, E.</i> <i>Badal-Valero, L. Vila, M.V. Román</i>	5908
FLIPPED CLASSROOM COMBINED WITH FORMAL DEBATE AS A STRATEGY TO IMPROVE COMMUNICATION SKILLS AND CRITICAL THINKING IN HEALTH SCIENCE STUDENTS S.D. Paredes, L. Rancan, C. García, J.M. Asencio, I. Garutti, L. Huerta, G. Marañón, C. Simón, J.A. Zueco, E. Vara	5914
MOTIVA: DEVELOPING DIGITAL ENTREPRENEURSHIP CONTENTS FOR SECONDARY SCHOOLS J. Suardíaz Muro, F. Cerdán Cartagena, A. Cabrera Lozoya, D. García Sánchez	5919
"DESIGNED FOR BETTER LEARNING" – AN INTERDISCIPLINARY PROGRAM BRIDGING PEDAGOGY AND ARCHITECTURE TO IMPROVE THE QUALITY OF PUBLIC EDUCATION IN GREECE M. Liapi, K.A. Oungrinis	5926
<b>REFLECTIVE TEACHING: INTERPRETING THE RESULTS OF PEDAGOGICAL</b> <b>SURVEYS AT HIGHER EDUCATION</b> <i>N. Jesus-Silva, C. Santos Pereira, N. Durão, S. Sá, C. Costa-Lobo</i>	5936
<b>EMPLOYERS' VIEW OF THE STRUCTURE OF WORK PLACEMENT IN ACCOUNTING DEGREE PROGRAMMES</b> S. Dempsey, L. O'Callaghan	5944
HOW UNIVERSITY STUDENTS PERCEIVE DIFFERENT LEARNING TECHNIQUES: A STUDY IN SPAIN AND ITALY M. Šerić, M. Vernuccio	5945
<b>NEW TEACHING METHODS IN THE PRODUCTION PROCESS OF THE DEGREE FINAL</b> <b>PROJECT IN HIGHER EDUCATION</b> <i>M. Serrano Segarra</i>	5953
ELITE SPORTS PROMOTION THROUGH SERVICE LEARNING: CASE STUDY OF A STUDENT SPORTS AGENCY A. Schneider, T. Wendeborn	5961
FIRST-YEAR UNIVERSITY STUDENTS' ATTITUDE ON COMMUNICATION IN UNIVERSITY'S INTRANET E. Butrime, V. Zuzeviciute	5966

THE BENEFITS OF USING 3-DIMENSIONAL CAD SOFTWARE IN THE TEACHING OF	5972
<b>MACHINE PARTS</b> Z. Krist, M. Macko	3972
<b>TECHNOLOGY FOR SOCIAL IMPROVEMENT OR HOW YOUR TALENT CAN HELP OTHER PEOPLE</b> J. Suardíaz Muro	5979
THE SELECTION OF "CURRICULUM" BY THE STUDENT AS A LEARNING TOOL IN THE SUSTAINABLE CONSTRUCTION COURSE R. Tendero-Caballero, I. Martínez-Pérez, B. Serrano-Pérez, G. García-López de la Osa	5998
ACADEMIC PERFORMANCE OF SOUTH AFRICAN UNDERGRADUATE ENGINEERING STUDENTS IN MATHEMATICS - A COMPARATIVE ANALYSIS S. Ramaila, P. Seloane	6008
<b>CHALLENGES OF DEVELOPING AN ONLINE CONSTRUCTION MODULE</b> D. Nwaozuzu, E. Mpakati-Gama	6017
ECLECTIC APPROACH APPLIED TO DATA TRANSFORMATION CURRICULUM COURSE F. Moreira, M.J. Ferreira, A. Cardoso	6021
A PILOT STUDY: COMPARING THE WORK OF CHILDREN WITH LEGO WEDO 2.0 IN SLOVAKIA AND TAIWAN	6030
M. Veselovská, K. Mayerová, Z. Kubincová, F. Chiu THE RISK OF A WRONG APPROACH IN TEACHING INNOVATIONS	6038
M.C. Ortiz, L.A. Sarabia, S. Ruiz, M.S. Sánchez	0030
THE SELF-PERCEPTION OF STEM AND SOCIAL STUDIES TEACHERS IN THE KINGDOM OF SAUDI ARABIA IN THE CONTEXT OF MAJOR CURRICULAR REFORM M. Alatawi, Z. Alanazi, T. McCloughlin	6046
IMPROVEMENT OF THE PROFESSIONAL TRAINING OF SMES' EMPLOYEES BY MAKING USE OF M&M E-COURSES E. Mitan, R. Boncea, A. Zamfiroiu	6050
<b>LEARNING WITH BUSINESS SIMULATION GAMES: FACTORS INFLUENCE</b> <b>UNDERGRADUATE STUDENTS OUTCOMES</b> <i>I. Martínez-Pérez, A. Segura-de la Cal, R. Tendero-Caballero, B. Serrano-Pérez</i>	6059
WHO ARE THE STUDENTS PARTICIPATING IN GUIDANCE AND TUTORING PROGRAMME? A CASE STUDY AT THE UNIVERSITY OF PADOVA R. Clerici, L. Da Re, A. Giraldo, S. Meggiolaro	6070
USING A PROJECT OF PROCESS IMPROVEMENT AS LEARNING STRATEGY IN A SOFTWARE TESTING COURSE R. Segovia, J. Palacios, I. Cabezas, A. Beltrán	6076
<b>STUDENT EVALUATION PROCESS THROUGH MOBILE DEVICES</b> <i>R. Boncea, A. Zamfiroiu, E. Mitan</i>	6080
MOTIVATION OF STUDENTS WITH HIGH ABILITIES THROUGH CO-CREATION ACTIVITIES IN AN EDUCATIONAL ENRICHMENT PROJECT R. Fabregat, M.R. Terradellas, M. Tesouro, J. Piuggalí, T. Jové	6086
APPLICATION OF KANSEI ENGINEERING (KE) FOR THE IDENTIFICATION OF NEEDS IN THE UNIVERSITY FURNITURE: CASE STUDY, CLASSROOM DESK D. Sánchez, J.C. Briede, A. Navas, J.L. Sandoval	6087
<b>IDENTIFICATION OF COMPETENCES OF THE 21ST CENTURY MANAGERS ON THE</b> <b>BASIS OF MEDICAL DEVICES SECTOR</b> <i>A. Sitko-Lutek, K. Ławicka-Kruk, M. Jakubiak</i>	6098
SOUTH AFRICAN UNDERGRADUATE ENGINEERING STUDENTS' UNDERSTANDING OF COMPLEX NUMBERS S. Ramaila, P. Seloane	6106
MOTIVES OF MANAGEMENT STUDENTS FOR CHOOSING MANAGERIAL PROFESSION IN THE SOCIETY OF POST-SOCIALIST TRANSFORMATION M. Runic Ristic, S. Mirkov, A. Milla	6110
ACCELERATING LEARNING TECHNOLOGIES DEVELOPMENT WITH INNOVATIVE PROCUREMENT S. Dominguez	6116
GAMIFICATION INFLUENCE: A CASE STUDY OF A MATHEMATICS COURSE AT THE UNIVERSIDAD LOYOLA ANDALUCIA M. Ceballos, L. Parody	6120

USING COMPLEMENTARY KNOWLEDGE TO ACHIEVE ALTERNATIVE RESULTS: THE COOPERATION BETWEEN UNIVERSITY, INDUSTRY AND GOVERNMENT S. Filipe, A.S. Coelho, O. Martins	6128
<b>THE FUTURE OF SMARTPHONE APPS IN HIGHER EDUCATION</b> <i>V. Lally, A. Aljaber</i>	6135
QUALITATIVE ANALYSIS OF EXPECTATIONS OF MEDICAL STUDENTS ON THEIR PARTICIPATION IN AN INNOVATION ACTIVITY COMBINING FORMAL DEBATE WITH FLIPPED CLASSROOM S.D. Paredes, L. Rancan, C. García, J.M. Asencio, I. Garutti, L. Huerta, G. Marañón, C. Simón, J.A. Zueco, E. Vara	6140
<b>DATA AND SIGNAL PROCESSING FOR BUSINESS</b> I.B. Pavaloiu, A.M. Neagu, C. Mustata, M.I. Dascalu, G. Dragoi, I. Marin, A.D. Mitrea, L.M. Mateescu	6147
<b>PROBLEM-BASED LEARNING: AN EFFECTIVE PEDAGOGICAL APPROACH TO</b> <b>ACQUIRE AND DEVELOP SKILLS</b> <i>A.S. Coelho, S. Filipe, O. Martins</i>	6151
A GENDER PERSPECTIVES IN HIGHER EDUCATION ON MEGATRENDS AND INNOVATIONS K. Sorama	6157
THE MANAGEMENT OF EDUCATION TECHNOLOGY INNOVATION WITHIN THE FRAMEWORK OF QUALITY MANAGEMENT SYSTEM OF THE UNIVERSITY E. Starozhuk, N. Vatolkina, E. Smirnova	6168
<b>NEW CHALLENGES IN THE MANAGEMENT OF UNIVERSITY EDUCATION IN RUSSIA</b> D. Slizovsky, D. Beresnev, M. Kosycheva, M. Ganieva	6175
PROBLEMS IN DEVELOPMENT OF PROBLEM SOLVING SKILLS OF STUDYING MATHEMATICS AT THE LATVIA UNIVERSITY OF LIFE SCIENCES AND TECHNOLOGIES A. Zeidmane, T. Rubina	6181
DESIGN OF A LABORATORY PRACTICE FOR THE ACQUISITION OF TRANSVERSAL COMPETENCES IN THE DEGREES OF CHEMISTRY AND INDUSTRIAL CHEMICAL ENGINEERING S. Tolosa, A. Guiberteau	6189
SOFT SKILLS IN THE PERCEPTION OF FIRST-YEAR AND FOURTH-YEAR FULL-TIME STUDENTS: FROM UNDERSTANDING TO IMPLEMENTING I. Safronova, M. Ganieva, Z. Makarovskaya, S. Kurbakova	6194
<b>LEARNING FOR EMPLOYMENT: VALUE GAP BETWEEN DISRUPTIVE</b> <b>TECHNOLOGIES AND TRADITIONAL TEACHING METHODS</b> L. Lazar (Turlacu), R.G. Chivu, G. Orzan, T. Herrezeel	6202
<b>INCLUSIVE EDUCATION FOR PRE- SERVICE TEACHERS IN LATVIA - WHAT ARE THE LEARNING OUTCOMES FOR PRE-SERVICE TEACHERS?</b> <i>D. Nimante, N. Repina</i>	6209
COMPUTER LITERACY IN THE DIGITAL AGE: SELF-ASSESSMENT OF SKILLS IN HIGHER EDUCATION L. Oliveira, A. Bianchi	6216
ART AS A COMPONENT IN THE ECONOMICS AND BUSINESS STUDY PROGRAMMES CURRICULUM I. Brence	6223
DIGITAL DIVIDE AND COGNITIVE DIVIDE: INEQUALITIES AND LEARNING DIFFICULTIES IN THE INFORMATION AND KNOWLEDGE SOCIETY G. Martín-Mora Parra	6232
<b>STUDY OF THE LEARNING OUTCOMES USING PEER-REVIEW ACTIVITIES IN ENGINEERING CURRICULA</b> S. Blanco, J.J. Arribas, J.M. Goicolea, J.C. García Orden, F. Gabaldón	6236
SCHOOL SAFETY IN THE UNITED STATES: ROLE OF SCHOOL CULTURE AND STUDENT ENGAGEMENT R. Sedlack, G. Rivera-Singletary	6243
INVESTIGATING THE STATE OF THE ART ON WORK-LIFE BALANCE AND HAPPINESS IN THE CLASSROOM L.M. Cerdá Suárez	6248
INTERNET, SOCIAL NETWORKS AND NETSPEAK: HOW TO USE THE ICTS TO DEVELOP MOTIVATION AND INTEREST IN DIGITAL NATIVE STUDENTS G. Martín-Mora Parra	6255

HAZARDS AND RISKS OF MACHINE-TOOLS: AN EXPERIENCE IN THE MECHANICAL TECHNOLOGY AND VEHICLES COURSE F. Silva, P.M. Barros, J.E. Ribeiro	6260
THE INFLUENCE OF GROUP SPEECH-LANGUAGE THERAPY PREVENTION IN KINDERGARTEN ON VOCABULARY AND VISUAL PERCEPTION J. Mironova Tabachová, M. Křenková, K. Vitásková	6267
PROMOTE LEARNING IN MECHANICAL TECHNOLOGY MANUFACTURING WORK EQUIPMENT J.E. Ribeiro, P.M. Barros, F. Silva	6278
THE EFFECTS OF COOPERATIVE LEARNING IN HIGHER EDUCATION ON PERFORMANCE AND SATISFACTION M.P. Casado, J. Tarifa Fernández, M.J. Martínez Romero, M. Tamayo Andrade, R. Martínez Alonso	6284
CHILDREN'S VOICE AND DECISION MAKING IN INSTITUTIONAL CARE IN LATVIA D. Nimante, I. Gehtmane-Hofmane, L. Vasečko	6289
THE IMPACT OF INTERNATIONAL ASSESSMENTS ON MATHEMATICS TEACHER DEVELOPMENT IN KSA M. Alatawi, T. McCloughlin	6295
MEDICAL STUDENTS' PERCEPTION OF EDUCATIONAL ENVIRONMENT: 6 YEARS INTEGRATED MEDICAL SCHOOL M. Crvenković, P. Bubalo, I. Buterin, M. Milošević, N. Pjevač, I.A. Nola	6302
SELF-EFFICACY IN PRE-SERVICE TEACHERS OF MATHEMATICS – THE DEVELOPMENT OF A NEW TESTING INSTRUMENT IN THE CZECH REPUBLIC R. Dofkova, J. Kvintová	6311
PAPER VOLCANOES LABORATORY S. Amici, B. Castello	6317
MORAL EDUCATION AT LITERATURE CLASSES IN K12 EDUCATION: CYPRIOT TURKISH FOLKLORE AND THE INTERVENTION OF "CREATOR" IN THE LEGENDS OF CYPRUS T. Akter Gokasan, G. Gokasan	6324
INSTITUTIONAL ACTION PLAN FOR THE FOLLOW-UP OF THE LABOUR INSERTION OF THE UNIVERSITY DEGREES A.A. Collado, S. Fachelli	6335
DETERMINATION OF THE ENTREPRENEURIAL ATTITUDE OF THE STUDENTS OF THE RESEARCH INSTITUTES AND THE OPEN TEACHING SYSTEM OF THE UNIVERSIDAD VERACRUZANA I. Ortiz Betancourt, M.C. Meza Téllez, L.M. López Castro, J.S. Berdón Carrasco, P.M. Villar Sánchez	6340
STRESS COPING STRATEGIES IN RELATION TO SELECTED PERSONALITY TRAITS OF FUTURE PRIMARY AND SECONDARY SCHOOL TEACHERS M. Pugnerova, J. Kvintová, L. Křeménková	6346
ANALYSIS OF SOCIAL INEQUALITIES: TEACHING AND INVESTIGATIVE THEORY AND PRACTICE A.A. Collado, S. Fachelli	6354
CULTURESHAKE: INCLUSION OF LANGUAGES AND INTEGRATION OF LEARNERS WITH HYBRID IDENTITIES A. Deschner	6359
<b>TRANSFORMING TRADITIONAL FOREIGN LANGUAGE ACQUISITION CLASSROOM</b> <b>BY INTEGRATING AN INNOVATIVE ART-BASED PEDAGOGY</b> <i>S. Matsu, O. Matsu, M. Mehrotra</i>	6360
A STRUCTURAL EQUATION MODEL DESCRIBING THE INFLUENCE OF LIFELONG LEARNING ON HUMAN RESOURCE DEVELOPMENT S. Anastasiadou, S. Giossi	6368
PORTUGUESE PRIVATE EDUCATIONAL INSTITUTIONS AND THEIR FINANCIAL EFFICIENCY K. Murillo, E. Rocha	6375
<b>TOGETHER IN THE SAME CLASSROOM: TADCBA PROJECT</b> N. Navarro, P. Muñoz, C. Del Moral	6385
PROGRAMMING FOR YOUNG CHILDREN USING TANGIBLE TILES AND CAMERA- ENABLED HANDHELD DEVICES A. Cardoso, A. Sousa, H. Ferreira	6389

THE PROMOTION OF SUSTAINABLE ENTREPRENEURSHIP IN THE FIELD OF HIGHER EDUCATION IN MEXICO. A DESCRIPTIVE ANALYSIS OF THE STRATEGIES OF A PUBLIC UNIVERSITY I. Ortiz Betancourt, M.C. Meza Téllez, J.S. Berdón Carrasco, L.M. López Castro	6395
EASY ROBOTICS WITH CAMERA DEVICES AND TANGIBLE TILES A. Cardoso, A. Sousa, H. Ferreira	6400
SCRUM: FROM RUGBY TO TEAMWORK IN HIGHER EDUCATION R. Sobral, F. Moreira	6407
COMMUNITY ENGAGEMENT FOR INNOVATION IN EDUCATION IN BRAZIL K. Maldonado-Mariscal	6411
PRACTICES OF CIVIL SOCIETY AS INNOVATORS K. Maldonado-Mariscal	6412
IMPLICATIVE STATISTICAL ANALYSIS VS CONFIRMATORY FACTOR ANALYSIS IN EVALUATION OF THE LIFELONG LEARNING IMPACT ON HUMAN RESOURCE DEVELOPMENT S. Anastasiadou, S. Giossi	6413
KNOWLEDGE MANAGEMENT TOOLS AND TECHNICS TO SUPPORT CO-CREATION PROCESS OF EDUCATIONAL MATERIAL J.P. Meneses-Ortegón, T. Jové, R. Fabregat, M.Y. Uribe-Rios, J. Puiggalí	6424
<b>FLIPPED LEARNING AND SAKAI'S LESSON BUILDER: A GOOD COMBINATION TO</b> <b>IMPROVE GENERAL SKILLS IN HIGHER EDUCATION</b> H. Moreno-Ramón, A.I. Jiménez Belenguer, S. Calvet Sanz, S. Ibáñez-Asensio, M. Ferrando Bataller, I. Guillén Guillamón, M. Cabedo Fabrés, A. Martínez García	6432
INNOVATIVE APPROACHES IN THE METHOD OF TEACHING OF RUSSIAN AS A FOREIGN LANGUAGE: MNEMONIC RECEPTIONS V. Ivanov, I. Guseva, O. Koutsoni, E. Shamsutdinova	6439
SUPPORTING ENGLISH LANGUAGE LEARNERS ACADEMIC VOCABULARY DEVELOPMENT THROUGH INTEGRATED STEMSS PROFESSIONAL DEVELOPMENT K. Guerrero, M. Jimenez-Silva	6446
INNOVATION ECOSYSTEM PROPOSAL BASED ON A GRADUATE DEGREE WITH INDUSTRY R. Rodríguez-Carvajal, J. Taddei-Bringas, P. Isiordia-Lachica, K. Jiménez-Estrada, J.L.N. González- Cervantes, R.M. Ortíz-Hernández, J.A. Romero-Hidalgo	6454
THE PROBLEM OF CONSERVATION OF THE CANTONESE LANGUAGE IN THE SYSTEM OF EDUCATION OF SOUTHERN PROVINCES OF CHINA A. Nikolayev, M. Egorova, V. Ivanov	6463
VIPSKILLS - VIRTUAL AND INTENSIVE COURSE DEVELOPING PRACTICAL SKILLS OF FUTURE ENGINEERS D.A. Krawczyk, A. Rodero, D. Bullejos, L. Sakalauskiene	6468
<b>VALIDATING A CO-CREATION MODEL OF LEARNING MATERIAL FOR HIGH</b> <b>ABILITY STUDENTS</b> <i>M.Y. Uribe-Rios, T. Jové, R. Fabregat, J.P. Meneses-Ortegón, M. Tesouro</i>	6476
CONCEPTUAL MODELING OF DLT AND BLOCKCHAIN FOR TRANSFORMING PUBLIC ADMINISTRATION B. Jekov, P. Petkova, E. Shoikova, S. Denchev	6483
SOFTWARE AUTOMATION OF HOMEWORK EVALUATION BY USING VIRTUAL ENVIRONMENTS M. Petrov, P. Totev, A. Aleksieva-Petrova	6492
GIVING IMMEDIATE FEEDBACK ON STUDENTS' WRITING: ANOTHER VIEW ON A FLIPPED CLASSROOM E. Prilipko	6502
CREATIVITY AND TECHNOLOGY-ENHANCED LEARNING: RE-IMAGING FUTURE PEDAGOGIES V. Lally, M. Sclater	6510
SENIORS AND INFORMATION TECHNOLOGY: UNDERSTANDING THE IMPORTANCE OF TECHNOLOGY IN EVERYDAY LIFE I. Ribeiro	6514
<b>UNDERSTANDING HOW HIGH ABILITY STUDENTS LEARN AND STUDY: A</b> <b>PARENTS AND STUDENTS VIEW</b> M.Y. Uribe-Rios, T. Jové, R. Fabregat, J.P. Meneses-Ortegón, J. Puiggalí	6525

CREATIVITY, TECHNOLOGY ENHANCED LEARNING AND LEARNER AGENCY: DEVELOPING PEDAGOGIES OF SUSTAINABILITY THROUGH AN INTERDISCIPLINARY LENS M. Sclater	6532
VIDEOS TO SUPPORT LEARNING: ANALYSIS OF DURATION, VISUALIZATION, RETENTION AND DEVICES M. Morfin Otero, B. Palomera Pérez, C. Gonzalez Quintanilla	6536
ACHIEVING THE OPTIMAL SUSTAINABLE LIGHTING CONCEPT (PROPOSAL FOR SOLAR DECATHLON MIDDLE EAST 2018-2020) N. Sami Abdelaziz, T. Eldanaf, D. Abdulaziz	6545
THEATRE EDUCATION, DIGITAL MEDIA, AND INCLUSION: FOSTERING PROFESSIONAL IDENTITY AND SELF-AWARENESS IN TEACHER'S EDUCATION H. Höfer-Lück	6546
<b>TRANSFORMATION OF TASKS FROM COMPETITION TO HIGH SCHOOL LESSONS -</b> <b>BINARY SEARCH TREES</b> <i>M. Anderle</i>	6549
LEARNING HISTORICAL THINKING THROUGH DESIGN-BASED PEDAGOGY FORMS: A CASE FOR TWINE-MEDIATED TECHNOLOGY ENVIRONMENTS INSIDE CLASSROOMS S. Jousha	6558
AN INTELLIGENT EDUCATIONAL TOOL FOR SUPPORTING NON-NATIVE ENGLISH SPEAKERS IN SCIENTIFIC WRITING S. Sheremetyeva	6567
MOOC COURSE "NEW MEDIA IN EDUCATION": CULTIVATING ENTREPRENEURSHIP AND INNOVATION IN TEACHER EDUCATION R. Wadmany	6575
# FOLLOW_THE_STORYTELLER: ENCOURAGING COMMUNITIES OF PRACTICE TO CREATE THEIR PORTFOLIOS OF EXPERIENCE M.C. Dal Pian, H. de Oliveira, H.M. Silva	6585
STUDENT TEACHERS AS REFLECTIVE PRACTITIONERS: IS THE PORTFOLIO USE AN APPROPRIATE MEASURE FOR REFLECTIVE SKILLS ACQUISITION? P. Nyewe, K. Booi	6592
<b>NEW WAY OF INTERNATIONALIZATION IN HIGHER EDUCATION</b> Z. Ciric, O. Sedlak, R. Pejanovic, J. Eremic Djodjic, A. Marcikic	6596
SOFTWARE ARCHITECTURE OF SEMANTIC RECOMMENDATION ENGINE BASED ON DATA ANALYSIS IN LEARNING MANAGEMENT SYSTEMS A. Aleksieva-Petrova, M. Petrov	6603
A CASE STUDY OF USING INFORMATION TECHNOLOGY TEACHING ENGLISH TO DEAF AND HARD-OF-HEARING STUDENTS AT BAUMAN MOSCOW STATE TECHNICAL UNIVERSITY (BMSTU) G. Kirsanova, N. Troufanova, K. Inozemtseva	6608
DEVELOPMENT OF AN ONLINE WIDENING PARTICIPATION COURSE USING DIFFERENT APPROACHES TO ENCOURAGE SOCIAL AND PEER INTERACTION TO FACILITATE LEARNING M. McVey, A. Edmond	6614
<b>DEVELOPING PROPORTIONAL REASONING THROUGH CODING AND ROBOTICS</b> Y.R. Kim, M.S. Park, A. Fields, A. Gonzalez	6622
ANALYSIS OF RESULTS OF E-LABORATORIES AND E-LEARNING USEFULNESS IN COURSES FOR ENGINEERS D.A. Krawczyk, M. Żukowski, A. Rodero, D. Bullejos, L. Sakalauskiene, R. Bilinskiene	6623
ACTIVITY THEORY AS A CONCEPTUAL FRAMEWORK FOR THE ANALYSIS OF TECHNOLOGY ENHANCED LEARNING SETTINGS J.F. Matos	6629
<b>USING STACK IN MULTIVARIABLE CALCULUS</b> J. García Quesada	6637
INHABITING LINGUISTIC BORDERLANDS: ON TRANSLATING AND REINTERPRETING REPRESENTATIONS OF SELF IN THE POST-CONFLICT ENGLISH FOR ACADEMIC PURPOSES CLASSROOM <i>M. Eglen</i>	6641

OUT WITH THE OLD AND IN WITH THE NEW – REDESIGNING A LEARNING TAXONOMY BASED ON BEHAVIOURAL, COGNITIVE AND DEVELOPMENTAL NEUROSCIENCE A. Habermacher	6642
THE PERSONALITY OF LEARNING AND EDUCATING – LATEST RESEARCH, NEW FRAMEWORKS AND NEW TECHNOLOGIES A. Habermacher	6643
IMPROVING THE CONSTRUCTED KNOWLEDGE AND THE CRITICAL THINKING SKILL WITH LEARNING INTERACTIVE ITINERARIES IN SOIL SCIENCE SUBJECTS H. Moreno-Ramón, S. Ibáñez-Asensio	6644
<b>DEVELOPING ACCREDITED ONLINE HIGHER EDUCATION IN A UNIVERSITY</b> <b>SETTING: A CHANGE MANAGEMENT CASE STUDY</b> J. Byrne	6650
POSSIBILITIES OF USING THE INTERNET OF THINGS IN HEALTHCARE - CASE STUDIES M. Czerwinska	6656
<b>EXPLORING THE POTENTIALS OF SOCIAL MEDIA IN SCREENING JOB CANDIDATES</b> <i>R. Faizi, S. El Fkihi, R. Chiheb</i>	6665
INTERNATIONAL ACCREDITATION OF BUSINESS SCHOOLS IN SPAIN: EXPERIENCES, CHALLENGES AHEAD AND MAIN LESSONS G. Calleja Sanz, H. Torrez Meruvia, M. Vila Bonilla	6670
INFLUENCE OF THE CALCULATION METHOD ON UNDERSTANDING THE MOTION OF THE RIGID BODY M. Macko, Z. Krist	6671
<b>LEARNING IN TRANSITION: WORKPLACE LEARNING FOR NEWLY QUALIFIED</b> <b>SOCIAL WORKERS</b> <i>J. Byrne, G. Kirwan</i>	6676
CLICK, CLICK, CLICK: RELATIONSHIP BETWEEN STUDENT ENGAGEMENT WITH ONLINE COURSE CONTENT AND FINAL GRADE J. Prince	6684
<b>INTERIOR DESIGN IN DEVELOPING UNIVERSITY' BASED EVENT (NEW STUDENTS REGISTRATION CENTER AT AJMAN UNIVERSITY 2018)</b> <i>G. Al Sayed Al Samanoudy, A. Mohamed Hassan Azmy</i>	6688
SUPPORTING TECHNOLOGY ENTREPRENEURSHIP IN UNIVERSITIES: MOTIVATIONAL ASPECTS OF CASE CHAMPIONSHIP V. Shubaeva, A. Korolev, N. Trifonova, I. Borovskaia, A. Proshkina, M. Epshtein, A. Maizel	6696
THE ORGANIZATION OF ECONOMIC SOCIALIZATION AMONG HIGH SCHOOL STUDENTS WHO ARE REPRESENTATIVES OF SMALL INDIGENOUS PEOPLES OF THE NORTH	6703
V. Kirko, N. Koptseva, V. Razumovskaya, E. Malakhova, M. Yanova	
DESIGN THINKING EXPERTISE: A NOVICE-TO-EXPERT LEVEL FRAMEWORK FOR TEACHING DESIGN THINKING A. Withell	6711
A LABOR RISK FACTOR IDENTIFICATION MODEL FOR AGRICULTURAL ORGANIZATIONS WORKING WITH LMS (LEARNING MANAGEMENT SYSTEM) TOOLS C.M. Ospina, G.E. Puello-Socarras, L. Vargas Puentes	6720
TOWARD A GOOD ACOUSTICAL DESIGN FOR MAXIMIZING THE TEACHING EXPERIENCE IN LECTURE HALLS S. Abdelaziz Mahmoud, N. Sami Abdelaziz	6726
TRANSFORMING PHYSICS COURSES USING THE SCALE-UP ACTIVE LEARNING MODEL A. Ahmidouch, S. Phuyal	6735
<b>DEVELOPING SAMPLING SENSE IN SECONDARY AND HIGH SCHOOL STUDENTS</b> N. Begué, M.M. Gea, C. Batanero, P. Arteaga	6741
SPECIAL EDUCATION AT THE MARGINS OF SOCIAL JUSTICE: VOICES FROM THE FIELD B. Pohl, J. Kelly	6747
ENERGY DREAMAP - CHALLENGE DRIVEN EDUCATION IN CLEAN FOSSIL AND ALTERNATIVE FUELS ENERGY PROGRAM M. Bogacka, K. Pikoń	6748

USING FOCUS GROUPS IN SUPPORTING DESIGN THINKING-BASED EDUCATIONAL PROJECTS J.J. Bignetti Bechara, S. Piconez	6749
EDUCATION NEEDS FOR ENTREPRENEURIAL LEADERS OF MIPYMES FROM CELAYA, GUANAJUATO, MEXICO N. Díaz-Acevedo, R. Hernández-Sampieri, A. Cuevas-Romo	6755
A PRAGMATIST FRAMEWORK FOR REVISING HIGHER EDUCATION CURRICULUM IN OCCUPATIONAL HEALTH AND SAFETY M. Pillay	6763
NEW CHALLENGES TO THE UNIVERSITY EDUCATION STYLE AFTER YUTORI- KYOIKU REFORM IN JAPAN. THE URGENT NEEDS OF REMEDIAL EDUCATION FOR THE FRESHMEN. WHAT CAN WE TEACH AND HOW? Y. Konishi	6771
SEARCH FOR 'PATTERNS POTENTIAL' OF URBAN SPACE – DEVELOPING A NEW RESEARCH TOOL WITH STUDENTS OF ARCHITECTURE M. Janik, A. Bugno-Janik	6772
CAN A WELL DESIGNED STRATEGY IMPROVE THE LEARNING PROCESS? M. Rodríguez-Jirón, G. Vidaurre, J. Tenorio-Aguilar, G. Gómez	6777
DISRUPTIVE TECHNOLOGIES - ARTIFICIAL INTELLIGENCE AND BLOCKCHAIN IN EDUCATION B. Jekov, P. Petkova, Y. Parusheva, E. Shoikova	6784
<b>LEARNING EXPERIENCE DESIGN IN TERMS OF LEARNING NUGGETS</b> <i>E. Kovatcheva, M. Koleva, Z. Simova</i>	6794
HOW TO CREATE FAVOURABLE ENVIRONMENTS FOR CREATIVE THINKING TO ENABLE INNOVATION AND ENTREPRENEURSHIP THRIVING TECHNOLOGY AND ECONOMIC GROWTH H. Aguilar, A. Carneiro, J. Gomes	6798
THE STRIVING FOR THE PRESTIGE OF PEDAGOGUE'S PROFESSION IN LITHUANIA: THE CONTEXT OF POLITICAL REALITY I. Bilbokaitė-Skiauterienė, R. Bilbokaitė	6802
SEARCHING FOR INFORMATION ONLINE: KEY INFORMATION LITERACY SKILLS OF ICT STUDENTS, THEIR SEARCH STYLES AND PREFERRED COMMUNICATION CHANNELS G. Bubaš, A. Čižmešija, N. Žajdela Hrustek	6807
RESEARCH AND TEACHING ACTIVE METHODOLOGIES INTERACTION IN PRACTICAL LESSONS IN ENGINEERING MANUFACTURING TECHNOLOGIES G. Urbikain Pelayo, A. Calleja, H. González, O. Pereira, N. López de Lacalle	6817
COGNITIVE SKILLS TRAINING: A PROPOSAL BASED ON VIDEO GAMES I. Esquivel-Gámez	6824
<b>VIRTUAL LABORATORY ON WAVE REFLECTION IN CONIC CURVES</b> J.A. Gomez-Tejedor, J.A. Monsoriu, I. Salinas, J.A. Sans, V.P. Cuenca-Gotor, M.H. Gimenez	6833
<b>DESIGNING UNIVERSAL LEARNING OBJECTS</b> M. Puyuelo-Cazorla, M. Val Fiel, P. Fuentes Durá, H. Barros da Rocha Costa	6840
MAINTAINING THE PACE: DESIGNING TECHNICAL POST-GRADUATE COURSES FOR THE 21ST CENTURY AUTOMOTIVE INDUSTRY A. Allen, V. Donzella	6847
<b>DIVISION OF LEARNING IN A PRACTICAL PROJECT THAT APPLIES THEORETICAL</b> <b>KNOWLEDGE</b> J.A. Tomas-Egea, M. Castro-Giraldez, P.J. Fito	6854
PRIMARY SCHOOL PUPILS GO MOTOR-RACING: IMPROVING STEM ENGAGEMENT THROUGH AN INTERACTIVE ENGINEERING PROJECT A. Allen, J. Davies	6858
<b>TOWARDS A TANGIBLE USER INTERFACE EMBEDDED COMPUTING PROTOTYPE</b> <b>FOR CHILD EDUCATION</b> L. Castilho, E. Carneiro, R. Dubiela, F. Przysiada, A. Brawerman	6867
THE DEVELOPMENT OF A FRAMEWORK FOR EFFECTIVE GAMIFICATION IN MOBILE ASSISTED VOCABULARY LEARNING (MAVL) M. Bowles	6872
RAISING AWARENESS AMONG TEACHERS ON INTERSUBJECTIVITY FOR THE DEVELOPMENT OF SOCIAL INTERACTION SKILLS OF PUPILS WITH AUTISM SPECTRUM DISORDERS E. Zappalà, M. Sibilio	6880

THE DEVELOPMENTAL PROCESS OF BECOMING AN AUTONOMOUS LANGUAGE LEARNER IN A PUBLIC UNIVERSITY OF ECUADOR: A GROUNDED THEORY STUDY D. Vasconez, S. Vasconez	6890
<b>TOWARDS STRATEGIC INTERNATIONALISATION AND GLOBAL PROMINENCE:</b> <b>MODELLING CONTINUOUS QUALITY IMPROVEMENT FOR SUSTAINABLE</b> <b>INTERNATIONALISATION OF THE MALAYSIAN TECHNICAL UNIVERSITIES</b> <i>Z. Mohd Ali, W. Razzaly, I.I. Muhamad, M. Abdul Razak, Z. Ali, N.R. Mohd Radzuan, W.S. Wan Nik,</i> <i>I. Abidin, S. Abdullah, S. Akmal</i>	6898
MICRO-FINANCING FOR ENTREPRENEURS IN DEVELOPING COUNTRIES: BANGLADESHI FARMERS CASE K. Olkhovikov, V. Maruvada	6909
ARCHITECTURAL ENVIRONMENT, HUMAN BEHAVIOR AND DESIGN EDUCATION J. Ristić Trajković, V. Djokić, V. Krstić	6913
CLOUD COMPUTING AND FOG COMPUTING IN POLISH STUDENTS' CONSCIOUSNESS W. Chmielarz, M. Zborowski	6919
<b>THE SMART CITY CONCEPT IN DESIGN EDUCATION AND RESEARCH</b> V. Djokić, V. Krstić, J. Ristić Trajković	6928
VIDEO RECORDING AND PEER REVIEWING AS A STRATEGY FOR THE DEVELOPMENT OF ORAL COMMUNICATION SKILLS IN MARKETING AND COMMUNICATION STUDENTS K. Mejía, V. Baena	6935
MASSIVE OPEN COURSES AS A TEACHING TOOL ABOUT EXPERIENTIAL LEARNING IN THE 21ST CENTURY. LESSONS FROM THE EUROPEAN HIGHER EDUCATION AREA V. Baena, K. Mejía	6941
USING METACOGNITIVE SEDUCTION STRATEGIES TO NURTURE SELF-SUCCESS IN UNDERGRADUATE STUDENTS M. Macovei, L. Manasia, N. Ciucea	6945
EXCHANGING UNDERGRADUATE ENGINEERING STUDENTS AND LECTURERS: AN INTERNATIONAL ACTION BETWEEN SPAIN AND MOROCCO FOR TEACHING ENERGY TOPICS	6953
N. Muñoz-Rujas, F.E.M. Alaoui, G. Rubio-Pérez, M. Lifi, F. Aguilar, E.A. Montero "HUMAN FACTOR" IN MODERN HISTORY: INTERACTION BETWEEN STUDENT AND TEACHER IN THE ASPECT OF FORMATION OF THE SOURCE BASE OF RESEARCH D. Maslov	6962
ANALYSIS OF MS EXCEL AS TOOL FOR PROCESSING LARGE DATA S. Hrehová, A. Vagaská	6966
THE EFFICIENCY OF EMERGING INSTITUTIONAL MECHANISMS ADDRESSING EDUCATIONAL INEQUALITY AND STUDENTS' DROPOUT IN A ROMANIAN HIGHER EDUCATION INSTITUTION S. Mălăescu, D.F. Chiribucă, S. Pavlenko	6971
ASSESSMENT OF STUDENTS' INTERDISCIPLINARY UNDERSTANDING IN SCIENCE P. Reiska, A. Möllits	6980
INCREASING MOTIVATION, FLEXIBILITY AND COLLABORATION IN ENGINEERING EDUCATION J. Horelli	6981
THE ROLE OF MASTER'S LEVEL STUDENTS – CASE ROBOTS AND FUTURE OF WELFARE SERVICES P. Lehto, A. Ainamo, J. Porokuokka	6986
<b>FIXED EXPRESSIONS AND THEIR TRANSLATION AS LANGUAGE LEARNING TOOL</b> <i>S. Juzeleniene, S. Petroniene, I. Vaivaraite-Balsiene</i>	6993
<b>TRANSLATION ACTIVITIES IN LANGUAGE LEARNING: CULTURE SPECIFIC ITEMS</b> <b>AND THEIR TRANSLATION AS LANGUAGE LEARNING TOOL</b> <i>S. Juzeleniene, S. Petroniene, D. Savickaite</i>	7001
DEVELOPMENT OF CREATIVE POTENTIAL: WHAT HAS LITERATURE SAID IN THE LAST TEN YEARS?	7008
C. Costa-Lobo, F. Monteiro, T. Stoltz, E. Vázquez-Justo, T. Carvalho, J. Cabrera CREATIVITY, PERCEPTION AND EMOTIONS	7014
E. Vázquez-Justo, P. De Sousa Pereira, C. Costa-Lobo, S.M. Fernandes, M. Magalhães <b>FACEBOOK AS LEARNING MANAGEMENT SYSTEM: SOME EXPERIENCES IN BRAZIL</b> J.C. Siqueira de Oliveira, A. Grunewald Nichele	7023

APPLICATION OF A TEACHING INNOVATION MODEL IN THE SUBJECT OF ECONOMICS OF THE EUROPEAN UNION J. de Pablo Valenciano, J. Milán García, M.M. Capobianco Uriarte	7031
AWARENESS IN THE ONLINE USE OF DIGITAL TECHNOLOGIES OF ITALIAN STUDENTS I. Corradini, E. Nardelli	7036
<b>THE MEANING OF PRACTICAL WORK AND CRAFTS IN THE CONTEMPORARY</b> <b>EDUCATION</b> <i>M. Zupanic Benic, V. Nevistic</i>	7043
ENCOURAGING CREATIVITY IN TEACHING ART M. Zupanic Benic, B. Vidovic	7051
<b>E-COMMUNICATION AS A TEACHING TOOL IN UNDERGRADUATE AND MASTER'S</b> <b>DEGREE COURSES</b> <i>J. de Pablo Valenciano, J. Uribe-Toril, A. Carretero Gómez, J. Milán García</i>	7059
THE ACCESS DILEMMA: ZOOMING IN ON POLICY & INSTITUTIONAL EFFORTS IN INDONESIA L.N. Berg, R. Pinheiro, P.P. Utomo	7063
SENSORY TACTILITY: DESIGNING INTERACTIVE TEXTILES FOR WELL-BEING J. Tan, H. Kim, A. Toomey	7064
<b>ESTABLISHMENT OF A DIDACTIC METHODOLOGY FOR THE CONSTRUCTION OF A</b> <b>MODEL BIM 4D AND 5D DEVELOPED FROM A MODELED INDUSTRIAL BUILDING</b> <b>IN 3D. COST ANALYSIS AND SIMULATED EXECUTION PLANNING</b> <i>A. Lozano-Lozano, M.J. Hermoso-Orzáez, A. Gago-Calderón, E. De la Morena-De la Fuente, J.A.</i> <i>Lozano-Miralles</i>	7069
<b>DEVELOPING AN EXPERIENTIAL LEARNING ACTIVITY TO LEARN ABOUT SMED</b> A. Peiro-Signes, O. Trull-Dominguez, M. Segarra-Oña, M. de Miguel-Molina	7079
CONTENT TRANSFER FROM PRESCHOOL TEACHERS TO PRESCHOOL CHILDREN IN TEACHING NATURAL SCIENCE A. Wiegerova, A. Koflerová	7085
UPBRINGING AND EDUCATION OF PRE-SCHOOL AND YOUNG SCHOOL- AGED CHILDREN BY OLDER FOSTER PARENTS B. Plisková	7093
QUALITY EVALUATION PROCESSES OF COURSES PRESENTED IN A RESULTS MANAGEMENT MODULE B. Wilges, D. Hiura Longo, G. Pereira Mateus, L. Pereira da Silva, R. Cislaghi, S. Modesto Nassar, A. dos Santos Albuquerque	7100
<b>NEW PARENTING LEARNING ENVIRONMENTS</b> L. Kaminskienė, E. Gerulaitienė, T. Ponomarenko, M. Petraitė, B. Maženytė	7107
RELIVING THE PRACTICE IN A VIRTUAL REALITY ENVIRONMENT. INNOVATIVE SPACES TO PROMOTE REFLECTION IN CHEMISTRY AND BIOLOGY PRE SERVICE TEACHERS C. Joglar, S.P. Rojas, A.R. Rojas	7118
COMMUNICATIVE SKILLS DEVELOPMENT IN BLENDED LEARNING RUSSIAN LANGUAGE COURSE L. Kovtun, E. Suzdaltseva, M. Ivanona, T. Baranovskaya	7125
CREATING THE VISION OF FAMILY IN TEXTBOOKS FOR PRIMARY EDUCATION PUPILS IN POLAND I. Czaja-Chudyba	7131
IMPLEMENTING ACTIVE LEARNING STRATEGIES IN A STRUCTURAL ANALYSIS AND DESIGN COURSE: PEDAGOGY DEVELOPMENT AND LESSONS LEARNED A. Salman, M. Ahmed	7138
HIGHER EDUCATION FACING POLITICAL CHALLENGES? THE IMPACT OF POPULIST POLICES ON HIGHER EDUCATION L. Snellman	7145
<b>LITERARY PRODUCTION WITH YOUNG PEOPLE FROM FAVELA DA MANGUEIRA:</b> <b>CULTURAL CENTER CARTOLA: RJ-BRAZIL</b> <i>R.G. Nunes Andrade, L. Valadares de Almeida</i>	7156
CHALLENGES FACING TEACHING AND LEARNING NATIONAL SOCIAL STUDIES OF THE HIGH SCHOOL LEVEL FROM THE POINT OF VIEW OF FEMALE STUDENTS AND TEACHERS	7160

Z. Alanazi, T. McCloughlin

<b>DEVELOPMENT OF THE INNOVATIVE POTENTIAL OF THE EDUCATIONAL</b> <b>ESTABLISHMENT PEDAGOGICAL STAFF</b> <i>N.V. Uvarina, A.G. Kirillov, A.A. Kirillova, A. Savchenkov, E. Gnatyshina</i>	7165
<b>EDUCATIONAL PRINCIPLES IN LANGUAGE LEARNING: TRAINING OF MEDIA TEXT</b> <b>SLANG TRANSLATION</b> <i>O. Vygovskaya-Kazarina, N. Shlenskaya, E. Golubovskaya, N. Mekeko, I. Grigorieva</i>	7174
ANALYTICAL COMPETENCES IN BIG DATA ERA: TAXONOMY D. Hristozov, S. Toleva-Stoimenova, K. Rasheva-Yordanova	7182
<b>COLLABORATION: LEARNING AND SHARING KNOWLEDGE FOR SMART TEXTILES</b> S. Robertson	7192
MO!N - A BLENDED LEARNING APPROACH FOR LATERAL ENTRY INTO AGRICULTURE M. Koplin, I. Knerr, S. Siegert, C. Diller	7196
<b>CONFIDENCE IN ABILITY: THE NON-TRADITIONAL UNIVERSITY STUDENT</b> <i>I. Chaney</i>	7206
GAMIFICATION AND ACCOUNTING EDUCATION: A BIBLIOMETRIC REVIEW C.M. Queiro-Ameijeiras, J. Martí-Parreño, A. Calma	7212
LONGITUDINAL STUDY OF THE EFFECT OF REGULAR MBSR PRACTICE ON EXPERIENCING STRESSFUL SITUATIONS IN UNIVERSITY STUDENTS L. Lackova, T. Kimplova, A. Ramírez García	7221
<b>TRAINING AND CORRECTION OF INFANTS WITH PERINATAL PATHOLOGY</b> O. Havrylov, O. Tkach, N. Havrylova, O. Konstantyniv	7222
<b>EXPLORING FACTORS RESPONSIBLE FOR THE POOR RANKING OF SCHOLARS AND</b> <b>TERTIARY INSTITUTIONS IN NIGERIA</b> <i>O. Omonijo, O. Uche, B. Okunlola, A. Anyaegbunam, V. Adeleke</i>	7231
A MODEL FOR PROVIDING CONSTRUCTIVE FEEDBACK DURING CLASSROOM OBSERVATIONS H. Terlemezian, S. Spasova	7242
ASSESSING THE RELATION BETWEEN POSITIVE FORMS OF COMMUNICATION AND CHILDREN'S AUTONOMY IN PRE-SCHOOL EDUCATION E. Sabeva, R. Tankova	7250
INTEGRATION OF TWO-YEAR-OLD CHILDREN IN KINDERGARTENS IN THE CZECH REPUBLIC J. Petrová, M. Fasnerová	7261
HOW FINNISH TEACHERS ARE USING LEARNING APPS ON GIANT TABLETS TO ENGAGE ALL LEARNING STYLES AND IMPROVE THE WAY STUDENTS LEARN E. Jauhiainen, C. Tiusanen	7269
EDUCATION & THE FOURTH INDUSTRIAL REVOLUTION G. Brown-Martin	7270
FEAR LESS, BUILD MORE: MAKING, BRAVERY, AND PURPOSEFUL CREATIVITY IN THE CLASSROOM E. Pilloton	7271
PURPOSE OF STATISTICAL GRAPHS IN BASIC EDUCATION TEXTBOOKS IN COSTA RICA M. Jiménez-Castro, P. Arteaga, M.M. Gea, C. Batanero	7272
MEANINGFUL LEARNING AT "GREEN AMBASSADORS" COURSE H. Friman, Y. Sitbon, I. Banner, Y. Einav	7278
ACADEMY PROJECT - FROM THEORETICAL STUDIES TO PRACTICAL EXPERIENCE H. Friman	7284
MAIN MODELS OF LEXIS RETENTION AND TYPOLOGY OF LEXICAL TASKS IN TEACHING A L3 M. Vorontsova, E. Klyukina	7289
STUDENT ENGAGEMENT ON WORK-INTEGRATED LEARNING I. Bogaert	7295
PREPARING STUDENTS TO RESPOND TO ETHICAL DILEMMAS THROUGH A HEALTH CARE ETHICS QUIZ BOWL - AN IPE ACTIVITY C. Goodwin	7306
EFFECTS OF LEARNING STYLES ON THE ACADEMIC PERFORMANCE OF BIOLOGY STUDENTS IN COLLEGES OF EDUCATION IN ADAMAWA, BENUE AND TARABA STATES, OF NORTHERN NIGERIA	7314

J. Eriba, C. Audu

EMPOWERING ENGINEERING STUDENTS TO ENHANCE THEIR UNDERSTANDING OF ELECTRONICS BY MEANS OF AN ONLINE SIMULATION TOOL. A CASE STUDY IN UNDERGRADUATE ENGINEERING COURSES D. Valiente, S. Fernández de Ávila, J.C. Ferrer, A. Ruiz	7323
<b>LEARNING QUANTUM COMPUTATION THROUGH SIMPLE EXAMPLES</b> F.J. Orts, N. Calvo Cruz, S. Puertas, M. Ruiz-Fernández, J.J. Moreno, C. Medina-López, P. Ortigosa, V. Ruíz, L. Casado, J.M. Salmeron, J.L. Redondo, G.E. Garzón, G. Ortega, R. Villegas	7331
THE CHALLENGES AND OPPORTUNITIES OF PARTNERSHIP IN ESTABLISHING ONLINE POSTGRADUATE PROVISION F. Taylor	7338
<b>PREPARATION PHASE IN A LIVE SIMULATION MODEL</b> D. Sjöberg, C. Lindgren, E. Åström	7339
INTENTIONAL CONTENT – CREATING A LEARNING EXHIBITION WITHIN A FLIPPED LEARNING APPROACH M. Lawton	7345
<b>ARTS-BASED METHODS AS PEDAGOGICAL TOOLS IN THE HEISE PROJECT</b> A. Eskelinen, R. Kanervo	7349
<b>EVALUATING LEARNER PROGRESS IN A PERSUASIVE SERIOUS GAME</b> K. Sammadi, T. Daouas	7356
ANALYTICS BOOTCAMP: DEVELOPING AND DELIVERING AN ONLINE GRADUATE COURSE IN DATA ANALYTICS C. Matheus	7364
SHARING CULTURES AND SOCIETY IN TECHNOLOGY ENHANCED LEARNING MEDIATED ENVIRONMENTS K. Brown, C. Feniser, V. Lally, J. Bilbao, A. Sadeh	7369
<b>EXPERIENTIAL LEARNING ACTIVITY: OUTDOOR PASSAGE TO LEARN STATISTICS</b> O. Trull-Dominguez, A. Peiro-Signes, M. Segarra-Oña	7374
CLIP THINKING - SOCIOCULTURAL PHENOMENON OF DIGITAL CULTURE: PROBLEMS AND PROSPECTS OF DEVELOPMENT IN THE SYSTEM OF EDUCATION S. Bkhat	7381
<b>WEB-BASED TECHNOLOGICAL TOOLS TO SUPPORT THE DEVELOPMENT OF THE</b> <b>STUDENT OUTCOME "EFFECTIVE COMMUNICATION"</b> J.A. Silvestre-Cerdà, M.C. Bas, M.J. Lerma-García, N. Matarredona-Desantes, R. Oltra-Badenes, E. Pérez-Esteve	7385
EDUCATION & HBBTV: RESEARCH ABOUT CONTENT INCLUSION IN UNIVERSITY J.F. Fondevila-Gascón, G. Miotto, M. Polo-López, J. Botey-López	7390
COOPERATION BETWEEN THE TEACHERS OF KINDERGARTEN AND PARENTS – ACCORDING TO THE PARENTS' OPINION (PART 1) E. Jagiełło	7398
PARENTS IN RELATION WITH THE TEACHERS OF KINDERGARTEN – THE REPORT FROM THE RESEARCH (PART 2) E. Jagiełło	7411
<b>TEACHING STATICS THROUGH ENGLISH IN INDUSTRIAL DESIGN ENGINEERING</b> E. Juliá-Sanchis, R. Galstyan Sargsyan	7424
THE SEAL OF BILITERACY: BRINGING LANGUAGES ACROSS CULTURAL BOUNDARIES- AN ILLINOIS SHOWCASE J. Villegas, M.J. Vargas	7431
INTEGRATION OF TRANSVERSAL SKILLS IN VOCATIONAL EDUCATION AND TRAINING FOR THE DEVELOPMENT OF ACTIVE AND HEALTHY AGEING SYSTEMS J. Barrueco, E. Fajol, R. Raposo, I. Sobrón, M. Vélez	7440
<b>TEACHING INNOVATION THROUGH THE OCCUPATION OF PUBLIC SPACE:</b> <b>"URBAN HERITAGE AND PLANNING" AT THE UNIVERSITY OF SEVILLE</b> J. Navarro-de-Pablos, D. Navas-Carrillo, M.T. Pérez-Cano	7451
A SYSTEMATIC LITERATURE REVIEW AS A TOOL TO ANALYSE EMERGING TECHNOLOGIES – THE METHODOLOGY AND BLOCKCHAIN CASE STUDY M. Milosz, P. Moniuszko	7457
STUDENT SATISFACTION SURVEYS OF METHODOLOGICAL STRATEGIES FOR IMPROVING THE UNIVERSITY LEARNING PROCESS IN STUDENTS WITH FUNCTIONAL DIVERSITY	7463
M. Sánchez-Paniagua López, I. Mateos-Aparicio Cediel, B. López-Ruiz, M. Molina Santos, C. Rueda Rodriguez, R. Rodrigo, A. Redondo Cuenca, M.P. Sevilla Sierra, M.D. Tenorio Sanz	

SCHOOL AS A WORKPLACE IN TEACHERS' EXPERIENCE J. Prokop, J. Lukasik	7469
MMIKRO 1.0 SOFTWARE OF THE FACULTY OF MANAGEMENT, UNIVERSITY OF WARSAW, IN TEACHING MICROECONOMICS M. Szałański, T. Zalega	7475
MACROECONOMIC SIMULATIONS IN ECONOMIC EDUCATION OF FUTURE MANAGERS – EXPERIENCE OF THE FACULTY OF MANAGEMENT, UNIVERSITY OF WARSAW	7483
M. Szałański, W. Zborowska EVALUATION OF YOUNG PEOPLE'S SOCIAL ACTIVITY BY REPRESENTATIVES OF ANOTHER GENERATIONS M. Grigoryeva	7491
SITUATIONAL FACTORS OF ALTRUISTIC SOCIAL ACTIVITY OF THE YOUTH M. Grigoryeva, A. Zagranichny	7496
SOCIO-SCIENTIFIC ISSUES AND SCIENTIFIC LITERACY C. Vasconcelos, A. Cardoso, M.L. Vasconcelos	7500
DIGITAL LITERACY AND LEARNING OF LANGUAGES AND COMMUNICATION IN HIGHER EDUCATION - CASE STUDY FROM FINLAND H. Rontu, T. Juurakko-Paavola, M. Nelson	7506
TARGETED SUPPORT TECHNOLOGY OF SCHOOLS IN ADVERSE SOCIAL CONDITIONS	7507
D. Ilyasov, V. Kespikov, M. Solodkova, A. Sevryukova, N. Nikolov, L. Naumenko <b>TO FEEL IN TOTAL AVAILABILITY TO THE STUDENTS IN E-LEARNING COURSES</b> C. Dulsat Ortiz, I. Álvarez Cánovas	7517
FACEBOOK CONTACTS BETWEEN STUDENTS AND THEIR LECTURERS: DEVELOPMENT AND PERCEPTION S.B. Linek, A. Ostermaier-Grabow	7526
LINGUODIDACTIC WEBQUEST: THE ESSENCE, STRUCTURE AND POSSIBILITIES IN VOCATIONAL TRAINING OF FUTURE FOREIGN LANGUAGE TEACHERS A. Dubakov, J. Olar, T. Khilchenko	7537
<b>DEVELOPING AN UNDERGRADUATE COMPUTER SCIENCE CURRICULUM;</b> <b>EMBEDDING PROFESSIONALISM</b> <i>C. Stanier, C. Howard, E. Wilson</i>	7542
IMPLEMENTING GROWTH MINDSET PRINCIPLES INTO A DIGITAL LITERACY COURSE FOR PRESERVICE TEACHERS A. Brenner	7549
<b>DEVELOPMENT OF A MULTIMEDIA BOOK OF THE PROBABILITY DISTRIBUTIONS SUBJECT AS SUPPORT IN THE FESC STATISTICS SUBJECTS</b> <i>M. Pineda Becerril, O. García, A. Aguilar, F. León</i>	7550
EDUCATING AS IF SUSTAINABILITY MATTERED A. Lautensach	7556
INNOVATIVE TECHNOLOGY OF OBJECTIVE AND IMPARTIAL EVALUATION OF PROFESSIONAL ACTIVITY OF TEACHERS OF SECONDARY SCHOOLS IN RUSSIA A. Barabas, O. Ilyasova	7569
INNOVATIVE CULTURE IN SOCIETY: THE PROBLEM OF STUDYING THE PERSONALITY AND THE CARRIER OF CULTURE M. Dudina, T. Grechukhina, T. Vershinina, E. Shushmarchenko	7579
<b>EVALUATING A PEDAGOGY TO CLOSE THE GAP BETWEEN THEORY AND</b> <b>PROFESSIONAL PRACTICE IN MASTERS EDUCATION</b> J. Hall, L. Rapanotti, S. Self, M. Slaymaker, D. King	7586
ETHICS IN THE ACCOUNTING PROFESSION IN THE OPINION OF 'FINANCE AND ACCOUNTING' STUDENTS OF THE UNIVERSITY OF GDANSK A. Szadziewska, J. Kujawski	7593
THE FACTORS INFLUENCING THE CHOICE OF BACHELOR STUDIES BY THE FINANCE AND ACCOUNTING STUDENTS AT THE FACULTY OF MANAGEMENT AT THE UNIVERSITY OF GDANSK A. Szadziewska, E. Sokołowska, J. Wiśniewski	7605
A LIVING LANDSCAPE – USING THE MULTISENSORY SPACE IN SECOND LANGUAGE LEARNING	7613

GENDER PERSPECTIVE IN UNIVERSITY TEACHING. SOME CASES FROM LATIN AMERICA AND SPAIN	7617
M.T. Bartual-Figueras, M. Carbonell-Esteller, A. Carreras-Marín, J. Colomé Ferrer, Y. Marco Serra, P. Rodríguez Reynoso, E. Rodríguez Sáenz, J. Turmo Garuz, V. Vasallo-Barrueta	
A GROUP MENTORING PROGRAM TO SPARK STEM INTEREST ON YOUTH C.A. Martins, A.F.S. Tuan, L.C. Ibiapina, J.M. Bezerra, M.M. Silva, L.R. Santos, R.C. Piani, N.M.F. Oliveira, L.K. Teles	7622
<b>STRATEGIES FOR SCALING A STEM EDUCATION PROGRAM</b> N.M.F. Oliveira, A.T. Resende, G.R. Ferreira, A.F. Machado, J.M. Bezerra, M.M. Silva, R.C. Piani, L.R. Santos, C.A. Martins, L.K. Teles	7629
<b>INTERRELATION OF AGGRESSION AND INTERNET ADDICTION</b> R.M. Shamionov, A. Sharov	7635
I READ THE NEWS TODAY OH BOY: FAKE NEWS IN THE CLASSROOM, THE RESULTS OF A QUANTITATIVE AND QUALITATIVE SURVEY OF FACULTY AT CALIFORNIA STATE UNIVERSITY, NORTHRIDGE A. Alwan, E. García	7639
<b>INSTRUCTORS' PRACTICES TOWARD SUPPORTIVE SOCIAL AND ACADEMIC</b> <b>ENVIRONMENTS</b> <i>P.C. Okpala, A. Hussain</i>	7640
COLLEGE READINESS THROUGH THE LENS OF THREE INSTITUTIONS OF HIGHER EDUCATION M. Dono-Koulouris	7641
MICROCLIMATIC CONDITIONS OF THE EDUCATIONAL PROCESS IN ELEMENTARY SCHOOLS P. Brečka, I. Tureková, N. Králová	7645
MAINSTREAMING OCCUPATIONAL SAFETY AND HEALTH INTO EDUCATION. CASE STUDY OF OBJECTIVIZATION INDOOR QUALITY I. Tureková, P. Brečka, H. Paučeková	7654
AS BASIC DESIGN PROMOTES THE DESIGN LEARNING: FEATURING THE PORTUGUESE HIGHER EDUCATION SETTING A. Neves, D. Dias, E. Duarte	7663
THE INTEREST OF THE TECHNICAL UNIVERSITY STUDENTS IN BUSINESS EDUCATION	7672
M. Zatrochova, Ľ. Fabová	-
DEVELOPING ACTION SKILLS IN EDUCATION FOR SUSTAINABILITY IN PRIMARY SCHOOL V. Meersdom, V. Vandelacluze	7680
HIGH IMPACT PRACTICES OF CIVIC ENGAGEMENT IN A STUDY ABROAD PROGRAM; LEARNING OUTCOMES THROUGH STUDENT VOICE T. Ladwig	7688
USING DIGITAL MARKETING TOOLS IN HIGHER EDUCATION. A CASE STUDY: ROMANIA N.A. Neacsu, I.P. Armasar	7695
SCHOOL-FAMILY RELATIONSHIP: FROM THE CRISIS EXPERIENCE TO SHARING PRACTICES M. Palma, A. Ferrante	7704
LEARNING TO TEACH MATHEMATICS AND SCIENCE TO IMMIGRANT AND REFUGEE STUDENTS LEARNING ENGLISH AS NEW LANGUAGE: THE CLD-PCK TEACHER EDUCATION MODEL FOR ELEMENTARY SCHOOLS E. Franklin, L. Reinsvold, J. Harding, T. Higgins	7711
NON-NEGATIVE RATIONAL NUMBERS: A PROPOSAL FOR INTERDISCIPLINARITY IN KINDERGARTEN AND IN THE FIRST YEARS OF BASIC EDUCATION H. Leite, P. Catarino	7717
FACTORS AFFECTING THE SUCCESS OF BACHELORS' STUDY IN HARD SCIENCES: COMPARATIVE ANALYSIS OF STUDENTS' AND TEACHERS' OPINIONS S. Vaulin, I. Shchurov, M. Volkova	7726
<b>CONCEPTUAL WORKSHOPS FOR THE LEARNING OF ARCHITECTURAL STRUCTURES</b> E. Rodríguez-Mayorga, J.F. Jiménez-Alonso, P. Pachón-García, M. Cámara, V. Compán	7735
THE USE OF COMPUTER GAMES AMONG STUDENTS IN GRADE 3 IN GRAMMAR SCHOOLS IN THE CZECH REPUBLIC M. Mrázek, J. Basler	7743

FORMATION OF COMPETENCIES IN THE PROCESS OF STUDYING NATURAL ENVIRONMENT IN THE BASIC SCHOOL O. Glikasa, L. Karule	7752
THE CREATION OF A MARKETING PLAN THROUGH SERIOUS GAMING: A JEANS BRAND EXPERIENCE IN THE UFV A.J. Torres Marin, I. Puebla, F. Solá, R. Ayestarán	7761
GEOGRAPHICAL INFORMATION SYSTEMS (GIS) AS AN EFFICIENT TOOL TO MANAGE EDUCATIONAL SERVICES (HIGH SCHOOL) IN RIYADH- SAUDI ARABIA S. Aboshiqah, O. Hassan, M. Moustafa	7766
<b>METHODS OF CODING AND DECODING (E-SAFETY IN EDUCATION)</b> I. Matousova, A. Jahodova Berkova	7773
ASSESSING ASPECTS OF GALICIAN GRAMMAR RULES, CONCEPTS AND TERMINOLOGY C. Lourenço-Módia, X. López-Viñas	7778
AOU QA MODEL: CATALYZING GOOD PRACTICES TO REPLICABLE QUALITY ASSURANCE MANAGEMENT SYSTEMS J. Nair	7783
KNOWLEDGE ABOUT PUBERTY AMONG PRIMARY SCHOOL CHILDREN IN THE CZECH REPUBLIC M. Rašková, D. Provázková Stolinská	7790
INTERNALIZATION IN AN INCLUSIVE ENVIRONMENT OF CZECH KINDERGARTENS D. Provázková Stolinská, M. Rašková, E. Šmelová, A. Vavrdová	7797
MULTIDISCIPLINARY EDUCATION INFLUENCED BY COMPLEX SERVICES L. Walletzký, M. Ge	7802
ADAPTIVE LEARNING METHODOLOGIES IN EDUCATION WITHIN THE CONTEXT OF UNIVERSITY-INDUSTRY COOPERATION S. Rossano-Rivero, T. Baaken, A. Perusso	7807
EMPOWERING LATINO STUDENTS IN HIGHER EDUCATION: ST. AUGUSTINE'S TRANSFORMATIVE MODEL J. Villegas	7808
SCIENTIFIC RESEARCH AS PART OF THE ERGONOMICS COURSE AT THE FACULTY OF ARCHITECTURE J. Tymkiewicz	7814
DIDACTIC PROJECT AND A COMPETITION FOR STUDENTS OF ARCHITECTURE AS A COOPERATION MODEL IN THE SCOPE OF PROJECT-BASED LEARNING J. Tymkiewicz, A. Szewczenko	7822
<b>RELATIONSHIP BETWEEN THE DEVELOPMENT OF PERSONAL RESOURCES OF</b> <b>ACADEMIC STAFF AND THEIR INNOVATIVE ACTIVITIES</b> <i>I. Kotlyarova, G. Serikov, S. Vaulin, I. Shchurov</i>	7830
TEACHING LANGUAGES TO CHILDREN C. Ravasco	7835
COMPETENCE OF EARLY CHILDHOOD EDUCATION TEACHERS OF ADHD PUPILS IN CLIMATES OF INTEGRATIVE AND INCLUSIVE EDUCATION D. Al-Khamisy	7840
NEW COLLAR TRAINING: A DEEP DIVE INTO THE DETAILS WHY TECHNOLOGY GIANTS ARE INVESTING INTO BASIC SKILLS TRAINING - AND HOW INDIVIDUALS, SCHOOLS, UNIVERSITIES AND COMPANIES CAN BENEFIT A. Ziegler	7849
THE CIHR CANADIAN HIV TRIALS NETWORK (CTN) POSTDOCTORAL FELLOWSHIP AWARDS PROGRAM (PFAP): A MODEL FOR TRAINING AND RETAINING YOUNG CLINICAL SCIENTISTS J. Sas, M. Harris, A. Chen, M. Hawkes, R. Kaul, C. Osborne, S. Read, K. Pendergraft, K. Westland, R.	7854
Cormier, S. Sinden, A. Anis INSTITUTIONAL RESEARCH AND INTERNAL AUDIT IN JAPAN T. Oishi, M. Mori	7860
FACTORS INFLUENCING THE CHOICE OF STUDY FIELD OF PRIMARY SCHOOL PUPILS IN SLOVAKIA M. Valentová	7865
OPPORTUNITIES TO SUPPORT ORIENTATION OF PUPIL'S FOR TECHNICAL FIELDS OF STUDY	7872
M. Valentová, J. Širka	

<b>ONLINE COURSE DEVELOPMENT FOR EFFECTIVE LANGUAGE ACQUISITION</b> J. Beránková, I. Čechová, D. Zerzánová	7878
THE PROBLEM OF DOPING – NEW TRENDS IN TEACHING UNIVERSITY STUDENTS OF PHYSICAL EDUCATION AND SPORT IN THE CZECH REPUBLIC L. Pyšný, D. Petrů, J. Pyšná	7885
AUTODESK INVENTOR STUDIO USED AS A TOOL FOR THE ACQUISITION OF COMPETENCES AND SKILLS IN CREATING A VIRTUAL RECREATION FOR STUDYING THE TECHNICAL HISTORICAL HERITAGE OF AGUSTÍN DE BETANCOURT J.I. Rojas-Sola, E. De la Morena-De la Fuente, A.I. Aguilera-García	7890
KINESIO TAPING – A NEW TREND IN TEACHING UNIVERSITY STUDENTS SPECIALIZING IN PHYSICAL EDUCATION AND SPORT L. Pyšný, J. Pyšná, D. Petrů	7901
THE CONCEPT OF DYNAMIC NEUROMUSCULAR STABILIZATION – A NEW TREND IN TEACHING REMEDIAL PHYSICAL EDUCATION TO UNIVERSITY STUDENTS OF PHYSICAL EDUCATION AND SPORT IN THE CZECH REPUBLIC J. Pyšná, L. Pyšný, D. Petrů	7906
THE KNOWLEDGE AND INDICATION OF SUITABLE KINETIC ACTIVITY IN THE PREVENTION OF OBESITY AS A NECESSARY PART OF THE EDUCATION OF TEACHERS AT PEDAGOGICAL FACULTIES IN THE CZECH REPUBLIC J. Pyšná, D. Petrů, L. Pyšný	7913
A RESPONSIBLE CONSUMER OF THE 21ST CENTURY AS A PART OF ENVIRONMENTAL EDUCATION AT SECONDARY VOCATIONAL SCHOOLS: A DESIGN OF A CURRICULAR TOPIC P. Nováková, K. Němejc, R. Dytrtová	7919
CAN CONTEMPORARY CHILDREN EXIST WITHOUT DIGITAL TECHNOLOGIES? R. Fojtik	7925
MANAGEMENT AND PLANNING OF LIFELONG LEARNING PROJECTS: A QUALITATIVE PICTURE OF MANAGERIAL COMPETENCIES OF UNDERGRADUATE STUDENTS K. Němejc, L. Smékalová, K. Tomšíková	7933
DEVELOPMENT OF THE USE OF DIDACTIC COMPUTER GAMES AMONG STUDENTS IN GRADE 3 IN GRAMMAR SCHOOLS IN THE CZECH REPUBLIC J. Basler, M. Chráska, M. Mrázek	7939
DEVELOPING AN INNOVATIVE MINDSET IN FUTURE TEACHERS THROUGH DESIGN THINKING AND GAME INVENTION O. Malaspina, M. Malaspina, U. Malaspina	7948
A ROBOTICS RECIPE FOR SUCCESS C. O'Donnell, T. Lavery, A. Mooney	7957
ASSESSING FOREIGN LANGUAGES – ASSESSING WHAT AND HOW? M. Pace	7962
MODERN TECHNOLOGIES IN TEACHING PROFESSIONALLY ORIENTED FOREIGN LANGUAGE TO THE STUDENTS OF POLITICS A. Minyar-Beloroucheva, P. Sergienko, O. Vishnyakova, E. Vishnyakova	7967
ASSESSMENT IN THE TEACHING PROFILE OF THE CLINICAL SUPERVISOR C. Vega	7976
DIDACTIC MATHEMATICAL DERIVATION OF THE REAL AND IDEAL TRANSFORMER MODELS J. Gonzalez	7981
BARRIERS TO LEARNING: SEXUAL HARASSMENT AND DATING VIOLENCE IN K-12 EDUCATION IN THE UNITED STATES J. Perry Evenstad, C. Sanjurjo	7988
<b>TEACHING DEPENDENT SOURCES EFFICIENTLY IN AN ELECTRIC CIRCUIT</b> <b>ANALYSIS COURSE</b> J. Gonzalez	7989
INNOVATION IN THE FASHION SHOW DESIGN, A COLLABORATIVE PROJECT BETWEEN ARCHITECTURE, FASHION AND DESIGN STUDENTS S. Nuere, G. García Badell, M. Blanco Lage, H. Navarro Martínez, R. Díaz-Obregón Cruzado, L. de Miguel Álvarez	7995
CAREER INTEGRATED LEARNING: A CURRICULAR REFORM FOR HIGHER EDUCATION R. Shea, R. Joy	8006

A SCHEDULING METHOD EFFECTIVE TO PROJECT BASED LEARNING COURSES AND INTERDISCIPLINARY ACADEMIC PROJECTS T. Yokemura, M. Inoue, H. Hasegawa	8009
<b>TRANSFORMATION IN HIGHER EDUCATION IN POST-APARTHEID SOUTH AFRICA:</b> <b>THE (PROBLEM) CASE OF CRIMINOLOGY</b> <i>F. Steyn, L. Sadiki</i>	8019
DIFFERENCES BETWEEN MASTERS DEGREE STUDENTS WITH AND WITHOUT PRIOR TRAINING IN EDUCATION REGARDING THEIR PEDAGOGICAL THINKING PROCESSES R. Guzmán	8024
<b>TEACHING THE TEACHERS TO TEACH PROGRAMMING – ON COURSE DESIGN</b> <b>AND DIDACTIC CONCEPTS</b> <i>P. Mozelius</i>	8031
TEACHER TRAINING TO CREATE AND IMPLEMENT TRANSDISCIPLINARY PROJECTS	8038
E.F. Zeer, O. Krezhevskikh, E.E. Symanyuk, V.S. Tretyakova <b>RESEARCH OF THE POSSIBILITIES OF MULTIPROFESSIONAL IMITATIVE TRAINING</b> <b>OF PRACTICAL WORKERS IN THE SPHERE OF PRESCHOOL EDUCATION</b> O. Krezhevskikh, E.I. Yelizova, N.A. Karatayeva, M.V. Edrwonkina, M.A. Zaboeva, S.M. Zyryanova, L.K. Kasyanova, L.L. Lashkova, I.V. Moskvina, E.A. Shants	8047
<b>STANDARDIZING THE TRAINING OF EMPLOYMENT SPECIALISTS</b> J. Ippolito, D. Megenhardt	8056
<b>THE PERCEPTION OF GEOMETRIC FIGURES BY CHILDREN IN PRE-SCHOOL AGE</b> S. Nazaruk, J. Marchel, M. Starzak	8057
<b>THE SIGNIFICANCE OF MOTOR SKILLS IN PREPARING CHILDREN FOR WRITING</b> <b>AND READING</b> <i>S. Nazaruk, J. Marchel, M. Starzak</i>	8065
MIDDLE DIATHESIS' NOTION IN THE TEACHING OF THE PRACTICAL GRAMMAR OF ROMANCE LANGUAGES M. Broitman, O. Chesnokova	8074
<b>MULTICULTURAL EDUCATION: ENHANCING INCLUSIVENESS IN THE CLASSROOM</b> C. Sanjurjo, J. Perry Evenstad	8080
FORMING PROFESSIONAL COMPETENCES AND STUDENTS' COGNITIVE INDEPENDENCE ON THE BASIS OF INFORMATION EDUCATIONAL TECHNOLOGIES L. Nizamieva, G. Nazarova	8081
UNDERPINNING INTERRELATED FACTORS OF PHYSICAL, VIRTUAL, AND SOCIAL LEARNING ENVIRONMENTS J.J.J. Kangas, J. Poutanen	8087
DESIGNING, TESTING AND ADAPTING TO CREATE A DISTRIBUTED LEARNING PROGRAM IN OPEN DESIGN AND DIGITAL FABRICATION C. Lorenzo, E. Lorenzo, G. Cornetta, G.M. Muntean, M. Togou	8097
NEW GLOBAL TREND IN SPORT & INCLUSIVE LEARNING - I'MPOSSIBLE (INTERNATIONAL PARALYMPIC COMMITTEE'S EDUCATION PROGRAMME) N. Fuller	8106
INTRODUCING STUDENT ACTIVE, PROBLEM-BASED AND COLLABORATIVE LEARNING AT CAMPUS: EXPERIENCES FROM TRANSFORMING A TRADITIONAL BACHELOR LEVEL INTRODUCTION COURSE IN ITIL B. Klefstad, G. Sandstrak, K.A. Strand	8107
SPELLING AND ORTHOTYPOGRAPHICAL ERRORS BY UNIVERSITY STUDENTS OF GALICIAN X. López-Viñas, C. Lourenço-Módia	8117
THE IMPACT OF MENTORING ON PSYCHOLOGY AND NEUROSCIENCE UNDERGRADUATE STUDENTS' PERCEIVED RESEARCH SKILLS, AUTONOMY, AND PROBLEM-SOLVING ABILITIES L. Rabin, F. Mandelbaum, R. Bergdoll	8123
MAPPING RESEARCH METHODOLOGICAL PATTERNS USING POSTGRADUATE RESEARCH IN EDUCATION, SOUTH AFRICA P. Ngulube	8124
THE APPLICATION AND UNDERSTANDING OF CONCEPTUAL AND THEORETICAL FRAMEWORKS IN EDUCATIONAL RESEARCH P. Ngulube, M. Taole	8125

SECOND LANGUAGE COGNITIVE-LINGUISTIC AND DISCOURSE COMPETENCES IMPROVEMENT THROUGH RAISING METAPHOR AWARENESS T. Andryukhina, O. Kochkina	8126
COMPETENCE-BASED APPROACH IN EDUCATION: FORMING PROFESSIONAL COMMUNICATIVE COMPETENCE IN FUTURE INTERNATIONAL BUSINESS SPECIALISTS O. Kochkina, T. Andryukhina	8136
BOLOGNA PROCESS AS COMMON HIGHER EDUCATION REFORM MODEL: DIFFUSION AND INSTITUTIONALIZATION L. Snellman	8143
INTEGRATING DESIGN-BASED LEARNING METHODOLOGIES IN RURAL EDUCATIONAL ENVIRONMENTS IN CHILE: A POSITIVE COLLABORATIVE MODEL AT THE HEAD OF THE ACTION! J. Alarcón, L. Navarrete, P. Bello, R. Montecino, N. Mardones, J.P. González, M. Menezes	8158
IMPACT OF LONG TRAINING COURSE FOR SCIENCE TEACHERS ON THEIR DELIVERY SKILLS OF PRACTICAL SCIENCE Z. Said, M. Anwari, H. Al-Shahrouri, E. Adam	8168
VERTICAL COORDINATION OF TECHNICAL DRAWING AND CAD COURSES IN INDUSTRIAL DESIGN ENGINEERING DEGREE C. González-Lluch, V. Pérez-Belis, M.J. Bellés, M. Vergara, V. Gracia-Ibáñez, S. Mondragón, V. Monfort	8175
'SOFT POWER' OF THE RUSSIAN HIGHER EDUCATION SYSTEM AND ITS POTENTIAL FOR INTEGRATING CENTRAL ASIAN MIGRANTS I. Britvina, G. Savchuk, V. Frants	8182
THE EFFECTIVENESS OF USING WIZIQ VIRTUAL CLASSROOM ON STUDENTS' ACHIEVEMENT AND MOTIVATION M. Ahmed, E. Osman	8187
GOAL ORIENTATION AND ADAPTIVE LEARNING BEHAVIOR: A COMPARISON OF SELF-DIRECTED AND TEACHER-DIRECTED LEARNING IN SECONDARY EDUCATION S. Schweder	8196
INTERACTIVE GRAPHICAL SOFTWARE FOR THE STUDY OF THE DYNAMICS OF A PARTICLE IN A GRAVITATIONAL FIELD A. Craifaleanu, C. Dragomirescu, I.G. Craifaleanu	8197
<b>COMPETENCY-BASED LEARNING WITH COMPETENCY MATRIX: GOAL</b> <b>ORIENTATION AND STUDENT'S COGNITION</b> S. Schweder, S. Kulakow, J. Weckwerth, T. Wulff	8203
IMPROVING THE PROFESSIONAL DEVELOPMENT OPPORTUNITIES IN THE APITHERAPY SECTOR IN TERMS OF HEALTH Z. Palkova, P. Sedik, M. Harnicarova, J. Valicek, E. Horska	8204
LET'S HAVE FUN WITH THE BUSINESS START-UP – HOW TO USE GAMIFICATION FOR INCREASING THE COMPETITIVENESS OF YOUNG PEOPLE Z. Palkova, M. Harnicarova, J. Valicek, D. Hruby	8209
<b>ONLINE EVALUATION IN THE MASSIVE COURSES</b> R. Vegliante, S. Miranda, M. De Angelis	8214
<b>SOCIAL NETWORKS IN LEARNING PROCESSES</b> R. Vegliante, S. Miranda, M. De Angelis	8221
<b>DEVELOPING MATHEMATICAL-RESILIENCE-PROMOTING PRACTICES IN</b> <b>TEACHERS</b> <i>S. Johnston-Wilder, J. Moreton</i>	8228
<b>PREVALENCE OF BULLYING AND VICTIMIZATION IN AMATEUR SPORT: A CASE OF LITHUANIA</b> <i>J. Vveinhardt, V.B. Fominiene, L. Jesevičiūtė-Ufartienė</i>	8238
THE IMPACT OF POSITIVE DISCIPLINE IN THE LEARNING PROCESS E. Tartari	8245
MASTERING SKILLS OF CRITICAL THINKING BY STUDENTS OF HIGHER EDUCATION INSTITUTION WHEN STUDYING ENGLISH N. Plotnikova, N. Sigal, F. Ratner, N. Bagmanova	8250
IMPLEMENTING INCLUSION FOR STUDENTS WITH MODERATE AND SEVERE DISABILITIES	8257
P. Williamson, H. Moore, D. Snider, M. Beyrer, A. Allgood, C. Bostian, K. Pyle, W. Young	

ARE SHOWS WITH ANIMALS REGARDED AS EDUCATIONAL ACTIVITIES? A STUDY WITH PORTUGUESE PRE-SERVICE PRIMARY TEACHERS AND KINDERGARTEN EDUCATORS A. Almeida, B. García Fernández	8265
SEISMIC RISK PERCEPTION IN PRIMARY SCHOOL EDUCATION: A CASE STUDY A.C. Marques, A. Almeida	8274
THE ACHIEVEMENT AND IMPLEMENTATION OF SIMULATION AND TUTORIAL PROGRAMS FOR THE ASSISTED TRAINING OF STUDENTS IN THE MECHANICAL FIELD L.G. Popescu, M. Inta	8281
CREATING INSIGHTS TO WORKING LIFE REQUIREMENTS AMONG STUDENTS IN HEI	8290
A. Puisto, A. Sievers, L. Ranta, T. Marstio, A. Guilland	
PROSPECTIVE PRIMARY SCHOOL TEACHERS SOLVING NON-ROUTINE MATHEMATICAL PROBLEMS: FEEDBACK AND INTERACTION STYLES M. Alonso-Castaño, P. Alonso, L.J. Rodríguez-Muñiz	8298
THE IMPACT OF FLIPPED LEARNING ON DEVELOPING META-COGNITIVE ABILITIES IN ORGANIC CHEMISTRY COURSES R. Herscu-Kluska	8305
THE PERCEPTION OF FUTURE MATHEMATICS TEACHERS OF THE 1ST AND 2ND CYCLES OF BASIC EDUCATION REGARDING THE ACADEMIC EDUCATION RECEIVED	8310
A.P. Aires, J. Escola	
INTRODUCING INFORMATION LITERACY TO YOUNG CHILDREN USING PICTURE BOOKS AND DRAMATIC PLAY E. Murphy, S. Saracco	8317
APPLICATION OF EYE TRACKING (ET) IN THE TRAINING OF DESIGNERS, A CASE STUDY OF THE DESIGN OF COMMERCIAL SPACES FOCUSED ON THE CONSUMER EXPERIENCE Y. Carrillo, N. Ramírez	8327
INSTITUTIONAL PRESSURES AND ETHICAL BEHAVIOUR: THE CASE OF STUDENT ACADEMIC INTEGRITY ISSUES IN AUSTRALIA K. Vilapakkam Nagarajan	8332
DOES ORGANIZATIONAL IDENTIFICATION MATTER FOR ACADEMICS? A CASE OF MANAGEMENT SCHOLARS IN SOUTH EAST EUROPE D. Tipurić, M. Radić, L. Cindrić	8342
<b>TRANSFORMING DELIVERY AND QUALITY OF PRIMARY SCHOOL EDUCATION</b> <b>THROUGH TECHNOLOGY: ONE LAPTOP PER CHILD PROJECT IN RWANDA</b> S. Kasozi-Mulindwa, R. Niyongabo	8349
<b>THE SUSTAINABILITY APPROACH IN THE MATERIALS ENGINEERING FIELD</b> <i>P. Guerrero, A. Etxabide, I. Leceta, K. de la Caba</i>	8358
THE IMPORTANCE OF CHEMISTRY IN ENGINEERING STUDIES TO INCORPORATE THE SUSTAINABILITY CONCEPT K. de la Caba, T. Garrido, J. Uranga, P. Guerrero	8364
NEW PERSPECTIVES OF EDUCATION AND TRAINING OF STUDENTS IN THE FIELD OF CRISIS MANAGEMENT: THE CASE OF THE SLOVAK REPUBLIC M. Titko	8368
USE OF INSTAGRAM TO BRING THE REALITY OF THE PUBLIC ECONOMY TO THE UNIVERSITY	8377
M. Jiménez García, J. Ruiz Chico, M.C. Pérez Peña, L. Bares López, A.R. Peña Sánchez	
ATTRACTION OF FOREIGN CITIZENS TO STUDY IN RUSSIA: CONTRADICTIONS OF TRADITION CONFLICT AND MODERNIST TRENDS D. Slizovskiy, A. Mironova, V. Kozmenko, Y. Belanovskaya	8383
THE FLAWS OF KNOWLEDGE MANAGEMENT PROCESSES HINDERING WORKPLACE LEARNING IN SMES: A MULTIPLE CASE STUDY A. Michna, R. Kmieciak, K. Brzostek	8389
COMPETENCES IN THE DESIGN WORKSHOP SUBJECT THROUGH THE LEARNING RESULTS M. Valor, M. Bunnala Cazarla, F. Juliá Sanchia, S. Cania Domanach	8395
M. Valor-Valor, M. Puyuelo-Cazorla, E. Juliá-Sanchis, S. Genis-Domenech	0.402
STORYTELLING WITH DIGITAL CULTURAL-HISTORIC CONTENT FOR CHILDREN DEVELOPMENT A. Nikolova, V. Georgiev, E. Mitreva	8403

THE ROLE OF TEACHING ASSISTANTS IN THE EDUCATION OF STUDENTS FROM ETHNIC MINORITIES IN THE CZECH REPUBLIC Z. Němec, V. Hájková, L. Květoňová, I. Strnadová	8407
A PILOT STUDY OF TRANSLANGUAGING LEARNING FACILITATION: A COMPUTER SCIENCE CASE STUDY T. Hungwe, V. Mbirimi-Hungwe, T. Lesufi, S.M. Seeletse, T.V. Ndobe	8414
<b>4D: DEVELOPING DASHBOARDS FOR DATA-DRIVEN DECISION-MAKING</b> <i>C. O'Donnell, B. Murphy, B. Hunter</i>	8421
VARIATIONS IN PERCEPTIONS OF FIVE-YEAR-OLD CHILDREN'S SCHOOL READINESS AMONG PARENTS AND TEACHERS V. Pitsia, G. Kent	8426
<b>ON APPLICATIONS OF SCIENCES IN EVERYDAY LIFE BY STUDENTS' VIEW</b> D. Smetanová	8436
ASSESSMENT OF EDUCATIONAL EFFECTS AT THE LEVEL OF A SECONDARY SCHOOL IN THE STUDENTS 'OPINION M. Michalcewicz-Kaniowska, M. Zajdel	8437
EVALUATION OF THE MAIN LIBRARY OF THE UNIVERSITY OF SCIENCE AND TECHNOLOGY WITHIN THE SCOPE OF EVALUATION OF THE EFFECTIVENESS OF THE USE OF AVAILABLE ELECTRONIC AND PRINTED RESOURCES M. Zajdel, M. Michalcewicz-Kaniowska	8444
<b>ENTREPRENEURSHIP VALUE OF INDUSTRY SPECIFIC TRAINING INTEGRATION</b> <b>INTO COMPUTER SCIENCE CURRICULUM</b> <i>T. Hungwe, T.A. Dandadzi, S.M. Seeletse, T. Ndobe</i>	8449
NATIONAL NARRATIVE AND NATIONAL IDENTITY. ROLE AND EVOLUTION IN A WORLD OF GLOBALIZATION K. Papaioannou	8453
THE PROGRAM OF STUDENTS' KNOWLEDGE ASSESSMENT IN «THEORETICAL PROBLEMS OF HISTORICAL SOURCE STUDY» N. Georgieva, A. Khorunzhiy	8458
<b>CONTRIBUTION OF KNOWLEDGE MANAGEMENT TO TECHNOLOGICAL</b> <b>INNOVATION IN THE ECUADORIAN INDUSTRY</b> J. Ibujés-Villacís, A. Franco Crespo	8463
CONTRIBUTION OF THE HUMAN DIMENSION IN MANAGEMENT OF MEDIUM ENTERPRISES OF THE COMMERCIAL AREA OF QUITO J. Ibujés-Villacís, J. García Aguilar	8471
MOBILE-ASSISTED READING FOR A ROBUST EVIDENTIARY BASIS IN L2 ACADEMIC WRITING M. Aghajanzadeh, S.F. Moosavi	8480
ENHANCING PREPAREDNESS OF VULNERABLE POPULATIONS IN PALAWAN, PHILIPPINES THROUGH ENVIRONMENTAL EDUCATION PROGRAMS V. Esguerra, K.P. Fernandez, A.L. Esguerra	8481
LEARNING PERSONALISATION METHODS AND TECHNOLOGIES IN VIRTUAL LEARNING ENVIRONMENTS E. Kurilovas	8489
EXPERT-CENTERED VS USER-CENTERED EVALUATION OF VIRTUAL LEARNING ENVIRONMENTS E. Kurilovas	8496
SIX MANIPULATIVE TASKS TO IMPROVE ATTITUDES TOWARDS STATISTICS AT UNIVERSITY A.M. Ruiz-Ruano García, A. Palazón Pérez de los Cobos, J. López Puga	8502
PROBLEM-BASED COLLABORATIVE LEARNING IN STATISTICS: A PROPOSAL TO DEVELOP IN PSYCHOLOGY DEGREE A.M. Ruiz-Ruano García, J. López Puga	8509
<b>COMPARING ATTENTIONAL PERFORMANCE WITH CALIBRATED BAYES FACTORS</b> <b>IN A VIRTUAL REALITY-BASED CONTINUOUS PERFORMANCE TEST</b> <i>A.M. Ruiz-Ruano García, J. López Puga, B. Lizarazu Rodrigo, M. Moreno Oyarzabal, A. Aierbe Pombo,</i> <i>M. Mejías Pérez, G. Climent Martínez</i>	8514
ENGLISH VERSION OF THE AUZMENDI SCALE TO MEASURE ATTITUDES TOWARDS STATISTICS A.M. Ruiz-Ruano García, J. López Puga, E. Auzmendi Escribano	8520

CORRELATION OF EXTRAVERSION OR INTROVERSION AND EMOTIONAL STABILITY OF TEACHERS WITH THEIR PROFESSIONAL BURNOUT AND MARRIAGE SATISFACTION V. Dombrovskis, S. Guseva, S. Capulis	8526
WHAT A WONDERFUL WORLD: PORTUGAL IN THE INTERNATIONAL POSTERS COMPETITION M.M. Nascimento, J.A. Martins, A. Estrada	8535
HELP! I HAVE TO ASSESS A PHD! LOOKING CLOSER AT THE DOCTORAL ASSESSMENT PROCESS J. Slabbert-Redpath	8540
A CASE STUDY FROM AN INTERDISCIPLINARY VIEW: ITS RELATION WITH COOPERATIVE LEARNING J. Jaureguizar, N. Berasategui, A. Aizpurua, I. Arostegui, N. Guerra, A. Arribillaga	8552
PRESCHOOL CHILDREN AND SUNLIGHT I. Polat Yalciner, D. Hasirci	8556
<b>THE POWER OF PLAY IN HIGHER EDUCATION TEACHING</b> V. Donzella	8565
CONTRIBUTIONS OF ENVIRONMENT-BEHAVIOR STUDIES TO INTERIOR DESIGN EDUCATION D. Hasirci	8567
<b>THE WORLDWIDE UNIVERSITIES NETWORK: DEVELOPMENT PROSPECTS</b> <i>Y. Medvedev, N. Karpuhina, T. Orlova, S. Barov</i>	8574
BRICS UNIVERSITY NETWORK Y. Medvedev, S. Barov, I. Stroganov, A. Grishin	8579
<b>UNIVERSITY STUDENTS WITH SPECIFIC LEARNING DISORDERS</b> A. Valenti, L. Montesano, S. Sapia	8585
PROMOTING POSITIVE EMOTIONS AND SELF-EFFICACY BELIEFS IN A DISTANCE LEARNING SCIENCE COURSE THROUGH ACTIVE-DISTANCE-BLENDED TEACHING METHODOLOGY D. González-Gómez, A. Gallego-Picó, J.S. Jeong, F. Cañada	8592
<b>STORYTELLING TO HEAL</b> <i>R. Freyman, H. Sánchez Benitez</i>	8597
DIDACTIC POTENTIAL OF CONCEPTOSPHERE OF RUSSIAN VALUES: IN THE ASPECT OF TEACHING RUSSIAN LANGUAGE TO CHINESE STUDENTS O. Sharafutdinova, Y. Berezovskaya	8603
EDUCATIONAL HISTORICAL TEXTS FOR FOREIGN STUDENTS: LINGUISTIC AND HISTORIC COMPONENTS A. Fokin, O. Sharafutdinova	8609
<b>CONSTRUCTIVE ALIGNMENT IN INTERNATIONALLY DELIVERED DUAL AWARDS:</b> <b>ITS ROLE IN ENSURING STANDARDS ACROSS INSTITUTIONS</b> D. Cobham, K. Jacques	8615
TECHNOLOGY FATIGUE IN FACULTY C. Halupa	8623
<b>LESS IS MORE: TEENAGER DIGITAL INFORMATION LITERACY AND PARENTAL</b> <b>RULES</b> <i>L. Botturi, L. Negrini</i>	8633
PERCEPTIONS OF MSN STUDENTS IN A NURSE EDUCATOR TRACK ABOUT NURSE EDUCATOR SPECIALTY COURSES L. Rogan	8643
TEACHER PROFESSIONAL DEVELOPMENT OF EFFECTIVE READING INSTRUCTION FOR STRUGGLING READERS L. Severino, A. Ammar	8652
TEACHING AND LEARNING ENGLISH AS A FOREIGN LANGUAGE IN A PLURICULTURAL CONTEXT: A HISTORICAL AND NORMATIVE COLOMBIAN BACKGROUND M. Bonilla, J. Lopez, H. Caro	8653
MAKING DECISIONS ABOUT GOING TO UNIVERSITY IN THE 21ST CENTURY: THEORETICAL UNDERPINNINGS VERSUS REALITY- A CASE OF POLISH STUDENTS D. Piróg, W. Kilar, R. Rettinger	8664

SCHOOLS AS PROFESSIONAL DESTINATIONS OF GEOGRAPHY GRADUATES IN POLAND IN THE YEARS 1962-2012 IN THE LIGHT OF SOCIO-ECONOMIC DEVELOPMENTS D. Piróg	8672
ENHANCING COMMUNITY LEARNING THROUGH LEARNING LOOPS INSIDE URBAN LIVING LABS: HOW TO IMPROVE URBAN CO-DESIGN M. Condotta, C. Scanagatta	8680
HEALTHCARE COLLABORATIVE E-LEARNING PLATFORM FOR TREATING BLOOD PRESSURE DISEASES I. Marin, N. Goga	8690
GLOBAL PERSPECTIVES OF DYSLEXIA IN ADOLESCENCE P. Anderson	8699
INNOVATIVE WORKPLACE LEARNING AT DAIRY COW FARMS TO ENHANCE MILK PRODUCTIVITY BASED ON NATURAL ZEOLITES M. Marin, E. Pogurschi, L. Vidu, I. Marin	8700
LECTURE, WORKSHOPS OR KEYWORDS METHOD. REMARKS ON POST-MEDIEVAL ARCHAEOLOGY TEACHING AT UNIVERSITY J. Dabal	8704
MODELLING THE PROCESS OF IMPROVING THE EDUCATION QUALITY IN UNIVERSITY L.G. Popescu, M. Inta	8709
THE COLLAB LAB: A PLACE FOR INNOVATION J. Schnepp	8716
EMOTIONS AND MOTIVATION IN MODERN TEACHING K. Mullamaa	8721
<b>EQVET, EQUAL QUALITY IN CONSTRUCTION AND VEHICLE VET</b> F.J. Ayala Álvarez, J.A. Juango Ansó, J. Martínez Saavedra, R. Navas Fernández	8725
<b>INTEGRATION OF PRACTICES BY PROJECTS IN GRAPHIC EXPRESSION</b> F.J. Ayala Álvarez, R. Navas Fernández	8732
PEER LEARNING FOR LARGE SIZE PHYSICS LECTURES IN HIGHER EDUCATION: YES, WE CAN M. Bozzi, J. Raffaghelli, M. Zani	8739
AUDIOVISUAL METHOD IN TEACHING ADULT LEARNERS L. Krivoshlykova, A. Pushkina, S. Korovina, I. Kovalyova	8748
<b>NEW MATERIALS AND CONSTRUCTION SYSTEMS WITH 3D PRINTER IN THE FIELD OF CONSTRUCTION</b> <i>S. Moyano Sanz, M. Valiente López, M.C. Sanz Contreras</i>	8755
WRITTEN WORKS OF MEDICAL STUDENTS FOCUSED ON APPLICATIONS OF SCIENCE IN MEDICINE E. Kralova	8764
THE READINESS OF MEDICAL STUDENTS TO THE ELECTRONIC DATA PROTECTION E. Kralova	8768
TURNINGPOINT: INTERACTIVE LEARNING MADE EASY M. Moss	8772
<b>BLOCK-CHAIN BASED GRADING STUDENTS ASSIGNMENTS</b> A. Scerbakov, F. Kappe, N. Scerbakov	8773
<b>PERCEIVED MANIFESTATIONS OF BULLYING BEHAVIOUR IN SOCIAL</b> <b>INTERACTIONS IN SCHOOL ENVIRONMENT</b> R. Rosinský, M. Čerešníková, M. Sapouna, L. De Amicis, F. Dehue, T. Vollink, R. Willems, G. Nikolau, I. Dimakos	8779
<b>REFLECTING ON TEACHER IDENTITY THROUGH PHOTOS</b> K. Hahl	8786
<b>THE EDUCATION IN THE UNIVERSITY WITH THE NEW TECHNOLOGIES IN</b> <b>PROJECTS' PRESENTATION</b> <i>M. Valiente López, M.C. Sanz Contreras, S. Moyano Sanz</i>	8787
INFORMATION ENVIRONMENT IN A HIGHER EDUCATION ESTABLISHMENT AS A MEANS OF IMPROVING THE QUALITY OF EDUCATION J. Davidova, I. Kokina	8800

EDUCATION ENHANCEMENT FOR SUSTAINABLE DEVELOPMENT IN DEVELOPING COUNTRIES M. Zaki Ewiss, S. Afifi	8808
<b>RETHINKING THE CULTURE OF RESEARCH IN PAKISTAN</b> C. Sinclair-Jones	8817
THE USE OF SOCIAL MEDIA IN PORTUGUESE COMPANIES: EMPIRICAL STUDY WITH SMES PROTOCOLATED WITH ESTGA-UA S. Estrela, D. Baptista	8818
<b>LEARNING FOREIGN LANGUAGES FOR SPECIFIC PURPOSES THROUGH VIDEO</b> <b>CREATION BY STUDENTS</b> N. Zhabo, M. Avdonina, N. Grigorian, Y. Sdobnova, A. Ryabinin	8828
DECLUTTERING THE CONVERSATION: MOVING UNDERGRADUATE STUDENTS AWAY FROM SOCIAL MEDIA TOOLS TO DEVELOP MEANINGFUL RELATIONSHIPS THROUGH BESPOKE TEAM ENGAGEMENT S. Robertson	8834
<b>RESCORM: A BOILERPLATE FOR CREATING SCORM-COMPLIANT REACT</b> <b>APPLICATIONS</b> A. Gordillo, S. López-Pernas, E. Barra	8843
APPLICATION OF SPREADSHEET TO EDUCATION PROCESS. OPINIONS OF STUDENTS OF THE FACULTY OF MANAGEMENT, THE UTP UNIVERSITY OF SCIENCE AND TECHNOLOGY J. Śpiewak	8854
AN OPEN SOURCE HYBRID LEARNING OBJECT RECOMMENDER SYSTEM BASED ON EUROPEANA A. Gordillo, S. Charleer, K. Verbert	8862
HIGHER EDUCATION TUITION FEES. INSIGHTS FROM POLAND J. Śpiewak	8873
PREVALENCE AND CORRELATES OF ONLINE VICTIMISATION AMONG UNDERGRADUATE STUDENTS ATTENDING A SOUTH AFRICAN UNIVERSITY: IMPLICATIONS FOR HIGHER EDUCATION POLICY F. Steyn	8880
DEVELOPING A FRAMEWORK OF DESIGN PRINCIPLES FOR AN ONLINE LEARNING DESIGN TO SUPPORT DOCTORS' PROFESSIONAL INFORMATION LITERACY IN HOSPITALS L. Stenholt, M. Lykke	8886
UNIVERSITY SOCIAL RESPONSIBILITY AND LEARNING COMMUNITIES T. de Dios, S. Muñoz	8895
ORGANIZING AND MANAGING THE LEARNING PROCESS THROUGH THE STUDENT-TRAINER RELATIONSHIP I. Getova	8903
A VIRTUAL REALITY GAME FOR TEACHING GRAPH THEORY: A STUDY OF ITS EFFECTIVENESS IN IMPROVING OUTCOMES AND ENCOURAGING AUTONOMY L. Cunningham	8907
MOODLE PLATFORM AS A SUPPLEMENTARY RESOURCE IN TEACHING MINOR FOREIGN LANGUAGES S. Blinova, T. Dugina, A. Zabolotskikh, M. Kaskova	8918
<b>CREATIVITY IN THE FORMATIVE CURRICULUM OF OUR INDUSTRIAL ENGINEERS</b> A. Martín-Erro, M.M. Espinosa, M. Domínguez	8926
HUMOUR IN ENGLISH DISCOURSE OF MASS MEDIA: FUNCTIONAL-LINGUISTIC ANALYSIS & TEACHING D. Khramchenko	8934
<b>TEACHING SYNERGY OF PRAGMATIC IMPACT IN MODERN ENGLISH DISCOURSE</b> D. Khramchenko	8939
NEEDS ANALYSIS OF UNIVERSITY STUDENTS SPECIALISING IN HUMAN RESOURCES MANAGEMENT AND LEARNING ENGLISH AS A FOREIGN LANGUAGE E. Stolyarova, E. Temyanikova, M. Fedotova, K. Prigozhina, A. Dmitrieva	8943
MAPPING KEY CONCEPTS OF E-LEARNING AND EDUCATIONAL-SYSTEMATIC REVIEW THROUGH PUBLISHED PAPERS H. Rodrigues, F. Almeida, V. Figueiredo, S. Lopes	8949
E-LEARNING PROCESS ELEMENTS IN A UNIVERSITY COURSE OF PRE-SERVICE BIOLOGY TEACHERS AND ENGINEERS (IN A VIRTUAL LEARNING ENVIRONMENT) K. Yotovska, A. Asenova, V. Slavov	8953

INFLUENCE OF ATTAINED LEVEL OF EDUCATION ON WAGES IN THE CZECH ECONOMY L. Nedomova, J. Sedlacek, V. Strizova, M. Maryska	8961
HOW FAR IS THE DEGREE? COMPLETION RATE IN INFORMATICS STUDIES M. Maryska, P. Doucek	8968
THE PERCEPTION OF EXTERNAL STAKEHOLDERS ABOUT THE ENTREPRENEURIAL POTENTIAL OF TRANSILVANIA UNIVERSITY OF BRASOV O. Barbulescu, S. Sumedrea, B. Tescasiu	8975
CYBERBULLYING AND PROSOCIAL BEHAVIOR ON THE NET: THE INFLUENCE OF SOME SOCIO-COGNITIVE AND CONTEXTUAL FACTORS IN A SAMPLE OF ITALIAN HIGH SCHOOL STUDENTS O. Parlangeli, M. Bracci, A.M. Duguid, E. Marchigiani, P. Palmistesta	8982
<b>EVOLUTION OF THE AIM-MOBILE LEARNING PLATFORM 3.0 AND ITS</b> <b>INTEGRATION WITH MOODLE</b> <i>N. Merayo, A. Labajos, I. Ruiz, I. de Miguel, R. Durán, J.C. Aguado, P. Fernández, R. Lorenzo, E.J.</i>	8988
Abril APPLIED COMPETENCE CLUSTERS (ACC) IN HIGHER EDUCATION: MODELING OF OUTCOMES-BASED COMPETENCE PROFILE S. Suvorova, I. Osipova	8996
BIDIRECTIONAL INFLUENCE BETWEEN (SLA) RESEARCH AND (EFL) TEACHING: FOCUS ON CONSCIOUS KNOWLEDGE OF GRAMMAR AND L2 LEARNERS' PROFICIENCY H. El-Dali, S. Boudelaa	9000
CAIRO UNIVERSITY PROPOSAL FOR EDUCATION REFORM IN DEVELOPING COUNTRIES USING MODELING TECHNIQUE (EDUMOD-EGYPT) M. Zaki Ewiss	9006
PSYCHOMETRIC PROPERTIES OF THE SCALE - TEACHERS' PERCEPTION OF A STUDENT WITH DEVELOPMENTAL DYSLEXIA U. Gosk, I. Kucharczyk, E.M. Kulesza	9015
<b>THE INTENSITY OF TEACHER EMOTIONS IN SITUATIONS CONNECTED WITH</b> <b>DYSLEXIC STUDENT'S DIFFICULTIES</b> <i>I. Kucharczyk, U. Gosk, E.M. Kulesza</i>	9020
THE SENSE OF COHERENCE IN A GROUP OF PERSONS WITH DISABILITY - IN POLISH RESEARCH I. Kucharczyk, U. Gosk	9029
<b>CONCEPTUALIZING UNIVERSITY-SOCIETY COLLABORATION – A LITERATURE</b> <b>REVIEW FOCUSING ON DRIVERS OF COLLABORATION</b> I. Bernhard, U. Lundh Snis, A.K. Olsson, E. Torsein, T. Arvemo	9036
ANALYTICAL READING AS A WAY TO IMPROVE PROFESSIONAL COMPETENCE OF EFL LEARNERS: LINGUISTIC ASPECTS & TEACHING METHODOLOGY O. Kudinova, D. Khramchenko, V. Kudinova, M. Davydova, Y. Akimtseva	9043
DISRUPTING ASYNCHRONOUS LEARNING: ANALYZING THE USE OF ZOOM FOR STUDENT ENGAGEMENT AND SUCCESS J. Vogel, A. Belcher	9049
WHAT ARE THE MAIN THEMES TO CONCEPTUALIZE A NICE READING TECHNOLOGICAL SUPPORT FOR CHILDREN? F. Damil, L. Rodrigues, A. Oliveira	9054
DESIGN, DO AND LEAN IT– EXPERIMENTAL DEVELOPMENT AS A TOOL OF STRENGTHEN THE COLLABORATION WITH WORK LIFE AND EDUCATIONAL ORGANIZATION (DESIGNDO) <i>M. Pérez-Valls, J.L. Ruiz-Real, J. Uribe-Toril</i>	9061
<b>PERSONALITY AND ATTITUDES SHAPING THE CULTURE OF THE STUDENT GROUP</b> <i>G.M. Moraru</i>	9065
<b>TRAINING DEFICIENCIES IN SECONDARY SCHOOL: CAUSES OF DEMOTIVATION</b> <b>AND PREMATURE ABANDONMENT OF UNIVERSITY STUDENTS</b> <i>R. Vallecillo, R. Prádanos, G. Núñez, L. Romero, M. Domínguez, M.M. Espinosa</i>	9070
SOCIAL NETWORKS AND THEIR EFFECTS ON COMMUNICATION FEEDBACK AT CLASSES G.M. Moraru	9080
POLISH PRESCHOOL TEACHERS' VIEWS ON HARDENING CHILDREN'S HEALTH J. Waszczuk, H. Konowaluk-Nikitin, E. Pawłowicz-Sosnowska	9085

INFORMATION AND COMMUNICATION TECHNOLOGIES IN GEOGRAPHICAL EDUCATION - A NEW CHALLENGE IN CONNECTION WITH THE EDUCATION REFORM IN POLAND A. Hibszer, E. Szkurłat, I. Piotrowska	9093
<b>THE GAIAN EDUCATION PRINCIPLE – A JOURNEY BACK TO THE FUTURE</b> D. Singh, N. Singh	9101
PREVENTION OF BURNOUT IN EDUCATIONAL PROFESSIONALS IN THE CZECH REPUBLIC J. Prokop, J. Hanušová	9102
SCHOOL LEADERS FACING CONTRADICTORY DEMANDS FROM EXTERNAL FORCES D. Eden	9107
FACTORS THAT IMPACT EMPLOYEE ACCEPTANCE OF OVERTIME M. Estepan	9112
SCENARIO-BASED DIGITAL CONVERSATION SIMULATION SOFTWARE IN THE TRAINING OF FUTURE LANGUAGE TEACHERS IN HIGHER EDUCATION. AN EMPIRICAL TEACHING APPROACH P. Arvanitis	9122
<b>NEW EXPERIENCES FOR CURRICULUM DESIGN OF GEOGRAPHICAL EDUCATION</b> <b>IN THE FIELD</b> <i>A. Hibszer, E. Szkurłat, J. Angiel</i>	9127
<b>COWORKING, COLLABORATIVE CAPABILITIES AND UNIVERSITY-SOCIETY</b> <b>COLLABORATION</b> <i>G. Andersson, M.P. James Lynch, F.R. Johansen, M. Nielsen, M. Tangen</i>	9136
INTERNET AND SOCIAL MEDIA FOR POLITICAL PARTICIPATION AMONG YOUTH: DOES EDUCATION MATTER? M. Pejic-Bach, J. Zoroja, K. Ćurko	9144
ANALYSIS AND IMPROVEMENT OF A NATURAL USER INTERFACE OF THE COMPUTERIZED BOARD GAME "ARCHITECTURAL JEWELS OF LUBLIN" M. Dzieńkowski, M. Milosz, J. Montusiewicz	9153
DROPOUT AND INCOMING SKILLS OF ITALIAN UNDERGRADUATE STUDENTS: A LONGITUDINAL STUDY M. Burgalassi, G. Moretti, A. Giuliani, A.L. Morini	9161
RUSSIAN LINGUISTIC EDUCATION IN 1990S: IMPACT OF CRISIS T. Maykova, N. Lapitskaya	9169
A MULTIDISCIPLINARY APPROACH FOR CONTAINER REUSE DESIGN. FROM SHIPPING BOX TO ARCHITECTURE OF LIVING SPACES F. Maroldi, D. Bizzoni, F. Landi, A. Piantoni	9175
FACEBOOK- INTEGRATED LEARNING IN MEDICAL ENGLISH A. Pop	9186
THE INFORMATION–CYBERNETIC APPROACH TO THE PROBLEM OF THE TRAINING PROCESS CONTROL: THE IMITATING MODELING RESULTS R.V. Mayer	9194
INTEGRATION OF CHILDREN WITH DISABILITIES IN AN INTEGRATIVE PRESCHOOL A. Kruszewska	9203
FIRST SEPARATION FROM PARENTS THAT IS THE BEGINNING OF PRESCHOOL EDUCATION A. Kruszewska	9213
DOES SWEDISH HIGHER VOCATIONAL EDUCATION UNDER THE LÖFVÉN ADMINISTRATION SATISFY THE NEEDS OF THE LABOR MARKET? H. Osieja	9223
<b>DOES USING VR IMPROVE STUDENT ASSESSMENT GRADES?</b> T. Filer, M. Holmes	9227
MALE-TEACHER IN OPINIONS OF PRIMARY EDUCATION TEACHERS – CONDITIONS FOR ABSENCE AND PERSPECTIVE FOR CHANGES I. Czaja-Chudyba	9232
MANAGEMENT PRACTICES FOR INTERNATIONAL UNIVERSITY COOPERATION IN RESEARCH: EVIDENCE FROM ROMANIA R.A. Corbos, A. Zamfir, I. Popa, C. Dobrin, C. Marinescu	9239

<b>RUSSIAN NETWORK UNIVERSITIES</b> M. Egorova, S. Barov, T. Buyskikh, O. Kharitonova	9245
<b>NETWORK UNIVERSITY OF THE COMMONWEALTH OF INDEPENDENT STATES</b> <i>M. Egorova, S. Barov, E. Gvozdeva, N. Merkureva</i>	9250
WEEKEND EDUCATIONAL CENTRES FOR SLOVAKS LIVING ABROAD AND SUPPORT FOR EDUCATION OF CHILDREN LIVING ABROAD OVER A LONG PERIOD A. Doušková, R. Čiliaková	9254
DEVELOPING LEARNING / RESEARCH INTERACTIONS IN A FRENCH UNIVERSITY FROM THE UNIVCAMP DEVICE (PARIS EAST UNIVERSITY) C. Meyer, C. Bourret	9260
EDUCATION OF SLOVAKS LIVING IN COUNTRIES OF WESTERN EUROPE, USA AND CANADA S. Kariková, A. Doušková, R. Čiliaková	9264
<b>UNIVERSITY BUSINESS MODELS AND DIGITAL TRANSFORMATION</b> P. Matkovic, P. Tumbas, V. Pavlicevic	9270
IMPROVING STUDENT MOTIVATION USING ONE BUTTON STUDIO IN A COMMUNITY SERVICE PROJECT B. Glick	9278
<b>LETTING THE REAL WORLD IN A CONDUCIVE ENVIRONMENT OF EXCHANGE</b> <b>AND ENGAGEMENT</b> J. Pigott Hakim, P. Sykes, H. Darnell	9279
<b>THE ETHICS IN THE PRACTICE OF THE RESEARCH AND ACADEMIC WORK</b> R. Florencio da Silva, M.Y. Ramírez-Sánchez, I. Ilizaliturri-Flores, X. Martínez-Ruiz, A.D. Torres- Rivera	9290
THE INCLUSION OF ENVIRONMENTAL AND SUSTAINABLE DEVELOPMENT THEMES IN THE FUNDAMENTALS OF BUSINESS ADMINISTRATION CLASSES R. Florencio da Silva, A.D. Torres-Rivera	9295
INTERNATIONALISING THE UNIVERSITY IN ITS ENTIRETY: A SYSTEM FOR PROVIDING A COMPREHENSIVE TRAINING PROGRAMME FOR ALL STAFF I. Slesarenko, E. Frantcuzskaia, A. Bogdanova, N. Fedorova, M. Polonskaya, M. Page, S. Sheveleva, N. Furman	9299
BUILDING PHONOLOGICAL COMPETENCE OF INTERNATIONAL STUDENTS AT A TECHNICAL UNIVERSITY FOR THEIR FURTHER TRAINING IN RUSSIAN AS A MEDIUM OF INSTRUCTION N. Furman, E. Frantcuzskaia, S. Sheveleva, A. Bogdanova, I. Slesarenko, N. Fedorova, M. Polonskaya	9310
ADAPTIVE LEARNING SYSTEMS: THEORY AND PRACTICE V. Voronin, M. Itskovich, Z. Nasedkina, S. Kuritsin, S. Sverdlov, E. Timukhina	9318
UNIFYING ENGINEERING PROFESSION THROUGH AN EDUCATIONAL PARADIGM SHIFT J. Rojter	9326
WORK-INTEGRATED LEARNING: INCREASING SOCIETAL IMPACT BY DECREASING THE GAP BETWEEN RESEARCH AND PRACTICE M. Gellerstedt, I. Bernhard, U. Lundh Snis, L. Svensson	9337
PEDESTRIAN BEHAVIOR IN SOUTH AFRICAN PRIMARY SCHOOL LEARNERS: A COHORT STUDY USING THE THEORY OF PLANNED BEHAVIOUR G. Van Dijk, L. Malan, H. Fourie	9346
<b>DIDACTICAL ISSUES IN THE CONCEPTION OF MICRO LEARNING IN ENTERPRISES</b> <i>J. Busse, J. Decker, M. Schumann</i>	9355
TEACHING IN A DIGITAL LEARNING PLATFORM – A CASE STUDY OF HOW SECOND LANGUAGE ENGLISH TEACHERS EXPRESS THEIR TECHNOLOGICAL PEDAGOGICAL CONTENT KNOWLEDGE (TPACK) DURING COLLEGIAL REFLECTIONS M.H. Zimmerman Nilsson, P. Nilsson	9366
WHY USING A DIGITAL LEARNING PLATFORM? – TEACHER AND SCHOOL LEADER CONVERSATIONS ABOUT DIGITAL DEVICES IN TEACHING M.H. Zimmerman Nilsson	9372
INTERCONNECTIONS BETWEEN WELLNESS AND HEALTHY LIFESTYLE SELF- MANAGEMENT OF TEACHERS' PROGRAMME STUDENTS H. Vecenāne, S. Ušča, D. Bethere	9377
INVESTIGATING TEACHER PERCEPTIONS AND USE OF MATHEMATICS APPS IN K-8 CLASSROOMS R. Kay	9388

<b>PRACTICAL FLIPPED E-LEARNING SCENARIO</b> A. Scerbakov, F. Kappe, N. Scerbakov	9394
PROJECT APPROACH TO THE FORMATION OF THE PROFESSONALLY ORIENTED CURRICULUM FOR THE UNIVERSITY PROGRAM "INNOVATION STUDIES" A. Moskalev, A. Vershkov	9399
STUDENTS OF MECHANICAL ENGINEERING ENGAGEMENT TO UNIVERSITY- INDUSTRY COOPERATION T. Náhlík, P. Hrubý, D. Smetanová	9406
PARAMETRIC GRAPHS OF TRIGONOMETRIC, EXPONENTIAL AND LOGARITHMIC FUNCTIONS AS A TOOL FOR TEACHING T. Náhlík, Z. Dušek	9410
THE POSSIBILITIES OF THE USE OF BALNEOLOGICAL PROCEDURES – NEW TRENDS IN TEACHING STUDENTS OF PHYSICAL EDUCATION AND SPORT AT PEDAGOGICAL FACULTIES D. Petrů, L. Pyšný, J. Pyšná, J. Heidler	9414
MATHEMATICS STUDENT TEACHERS' UNDERSTANDING OF TRIGONOMETRY FOR SECONDARY SCHOOLS P. Malambo, S. Van Putten, H. Botha, G. Stols	9420
NEW TRENDS IN TEACHING FUNCTIONAL DIAGNOSTICS TO THE STUDENTS OF PHYSICAL EDUCATION AND SPORT AT PEDAGOGICAL FACULTIES IN THE CZECH REPUBLIC D. Petrů, L. Pyšný, J. Pyšná, J. Heidler	9428
THE COMMUNICATIVE-TELECOMMUNICATION METHOD IN TEACHING FOREIGN LANGUAGES THROUGH MULTIFUNCTIONAL TV STUDIO M. Petrova, J. Gao	9432
<b>CHEMICAL ENGINEERING PROMOTION USING A DEMONSTRATION PLANT OF</b> <b>DEODORANT STICK PRODUCTION</b> <i>Q. Tarrés, M. Delgado-Aguilar, M. Estebanell, P. Mutjé, M. Alcalà, R. Serrat</i>	9440
ANALYZING THE POTENTIAL FOR PROMOTING ENGLISH LANGUAGE LEARNING IN RUSSIA: THE GAP BETWEEN THE ENGLISH SKILLS REQUIRED ON THE LABOUR MARKET AND THOSE POSSESSED BY EMPLOYEES A. Shpynova	9445
A MOBIL BIODIESEL PRODUCTION PLATFORM AS A METHODOLOGY TO SHOW CHEMICAL ENGINEERING TO BACHELORS STUDENTS J. Tarrés, M. Delgado-Aguilar, M. Alcalà, M. Estebanell, P. Mutjé, R. Serrat	9454
<b>EMPOWERING VOCATIONAL TRAINING STUDENTS WITH SELF-REGULATED</b> <b>APPROACHES</b> <i>A. Garmendia, L. Markuerkiaga, A. Agirre</i>	9459
FORMATION OF LINGUISTIC-CULTURAL COMPETENCE IN LEARNING ENGLISH THROUGH VIDEO-MATERIALS (YOU-TUBE VLOGS) E. Harkova, E. Larionova, K. Amirkhanova	9468
TEACHING ENGLISH HOMONYMY H. Vancova	9477
THE ROLE OF SUPRASEGMENTAL FEATURES IN PRONUNCIATION TEACHING H. Vancova	9482
<b>EXAMINING STEM-BASED FLIPPED CLASSROOMS IN HIGHER EDUCATION: A</b> <b>REVIEW OF THE LITERATURE</b> <i>R. Kay, K. Dermott</i>	9487
<b>DEVELOPING TEACHING THROUGH INSTRUCTIONAL LEADERSHIP</b> N. Stegeager, A. Thomassen	9495
<b>NEW EXPERIENCES IN UNIVERSITY RESEARCH MANAGEMENT IN ROMANIA</b> <i>A. Zamfir, D. Dumitrescu, V. Lazar</i>	9496
<b>BUSINESS PERFORMANCE IN NIGERIA: DOES EDUCATION MATTER?</b> E. Bowale, O. Olurinola, K. Bolarinwa, S. Oluwatobi, I. Ogunrinola, B. Aderounmu	9501
PROJECT BASED LEARNING IN HIGHER EDUCATION: STUDENT'S PERCEPTION OF TRANSFORMING TRADITIONAL LEARNING INTO AN ACTIVE AND CONSTRUCTIVIST EXPERIENCE M.C. Granado Alcón, P. Alonso Martín, M. Vélez Toral, D. Gómez Baya, E. Herrera-Gutiérrez, M.T.	9510
Martínez Frutos	

EFFECTS OF INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) ACCESS ON THE PERFORMANCE OF INFORMAL MICRO- AND SMALL-BUSINESS ENTERPRISES: FURTHER EVIDENCE FROM NIGERIA E. Bowale, O. Olurinola, K. Bolarinwa, S. Oluwatobi, I. Ogunrinola, B. Aderounmu	9518
In Deame, O. Ommond, R. Domman, S. Omonobi, J. Ogummon, D. Padroummu IMPLEMENTATION OF ECONOMIC MODELS FOR UNDERGRADUATE STUDENTS WITH GEOGEBRA M.A. Galicia, D. Poza, J. Pajares, A. López-Paredes	9529
DETERMINATION OF LEARNING MANAGEMENT SYSTEM USE HABITS OF DISTANCE EDUCATION STUDENTS B. Baraz, E. Atik, E. Atik	9535
FACTORS OF SOCIAL ACTIVITY OF THE STUDENT YOUTH IN MODERN RUSSIA R.M. Shamionov	9543
BIG AND OPEN LINKED EDUCATIONAL DATA ANALYTICS: A RESEARCH ON STAKEHOLDERS' CAPABILITIES, SKILLS, AND ATTITUDES M. Lněnička, R. Máchová, J. Komarkova, I. Čermáková	9549
ANALYSIS OF STUDENTS' VALUATION RELATED TO KNOWLEDGE TRANSFER (KT) AFTER A PROJECT BASED LEARNING IN HIGHER EDUCATION M. Vélez Toral, M.C. Granado Alcón, D. Gómez Baya, E. Herrera-Gutiérrez, P. Alonso Martín, M.T. Martínez Frutos	9559
STUDY FOR QUALIFICATIONS IN "CHEMISTRY TEACHING DEGREE" AND "CHEMISTRY DEGREE" FROM NATIONAL UNIVERSITY OF ROSARIO-ARGENTINA FOR ITS ADAPTATION TO THE EUROPEAN SYSTEM L.P. Maiorano Lauría, M.G. Derita, M. Martínez Escandell, J.M. Molina Jordá	9575
<b>EXPLORING GLOBAL INNOVATIVENESS ATTITUDES AMONG PROSPECTIVE</b> <b>TEACHERS</b> <i>D. Luketić</i>	9584
CHESS GAME AS PEDAGOGICAL STRATEGY FOR TEACHING: CASE STUDY IN CHEMISTRY DEGREE	9596
G. Casanova Pastor, L.P. Maiorano Lauría, M.T. Parra Santos, J.M. Molina Jordá CONTINUOUS CONTROL OF STUDENTS PREPARATION FOR TEACHING USING VOTING EQUIPMENT M. Trnka	9604
WORK-INTEGRATED LEARNING: VISUALIZING RESEARCH AS PROFESSIONAL PRACTICE M. Åkesson, M. Thomsen	9608
THEORETICAL BACKGROUND FOR THE CREATION OF MULTIMEDIA MODELS AND ANIMATIONS FOR THE UNIVERSITY TEACHING OF MEDICAL BIOPHYSICS <i>M. Trnka</i>	9613
<b>TRAINING PROFESSIONAL ENGINEERING SKILLS DURING STUDENTS' LEARNING</b> <b>EXPERIENCES</b> <i>T. Gorbunova, R. Bazhenov, D. Luchaninov, E. Kiykova, N. Vashakidze</i>	9617
RESEARCH ON CHANGES IN RESILIENCE AND AGGRESSIVENESS WITHIN THE TRAINING OF POLICE INTERVENTION TROOPS J. Skoda, P. Doulik, I. Simonova	9624
MOOC: A PRACTICAL COURSE IN PSYCHOPHYSICS AND VISUAL PERCEPTION D. de Fez, M.J. Luque Cobija, M.A. Díez-Ajenjo, M.C. García-Domene, V. Camps	9633
ASSESSMENT OF THE PROFESSIONAL COMPETENCE FORMATION WITH FUTURE TEACHERS IN A TEACHER-TRAINING UNIVERSITY E. Galiamova, A. Kiamova, N. Chernova, G. Antropova, S. Matveev	9640
MOBILE LITERACY AND ITS CONTRIBUTION TO INDEPENDENT LEARNING ACTIVITY V. Ryabkova	9646
LAND-LUBBERS OR SEA-DOGS: PRE-SERVICE PRIMARY STUDENT TEACHERS' EXPERIENCES OF MARINE ENVIRONMENTS? T. McCloughlin	9652
<b>STRESS IN COLLEGE STUDENTS OF DENTISTRY AND SOCIAL SCIENCES IN</b> <b>UNIVERSITIES OF THE COMMUNITY OF MADRID</b> J.F. Martin Morales, M. Romero Martín, M.J. Maqueda Jiménez, C.M. Arias Macias, I. Casado Gómez	9657
<b>IS AN APPLE ALIVE? PHILOSOPHICAL DIALOGUE IN THE SCIENCE CLASS</b> J. De Schrijver, J. Sermeus, A. Pil, E. Cornelissen	9664
<b>FROM DOING TO THINKING THROUGH DIALOGUE IN A STEM CLASS</b> J. Sermeus, C. Balck, A. Pil, W. Temmerman	9668

THE USE OF ICT IN COMMON LIFE, EDUCATION AND LEARNING ENGLISH REFLECTED IN MIND MAPS OF UNIVERSITY STUDENTS I. Simonova	9674
<b>CAN SCIENCE BE DANGEROUS? REFLECTION ABOUT ETHICALLY AND</b> <b>CULTURALLY SENSITIVE TOPICS IN THE SECONDARY SCIENCE CLASS</b> V. Verschoren, J. De Schrijver, J. Sermeus, E. Cornelissen	9682
IMPLEMENTATION AND BENEFITS OF E-LEARNING PROJECT "IMMUNOLOGY – HOW THE IMMUNE SYSTEM WORKS" IN AN EDUCATION AT JESSENIUS FACULTY OF MEDICINE IN MARTIN M. Neuschlova	9686
SERVICE QUALITY AND STUDENTS' LEVEL OF SATISFACTION IN HIGHER EDUCATION L. Bosu, P.Y. Asare, E.K. Agormedah	9694
CONTEMPORARY APPROACHES FOR DIFFUSION OF INFORMATION, KNOWLEDGE AND HYPOTHESES – AN INNOVATIVE MODEL FOR MOTIVATING UNIVERSITY STUDENTS, PHD STUDENTS, POST-DOCTORAL STUDENTS AND YOUNG SCIENTISTS D. Stoyanova	9702
ACADEMIC RESEARCH PROJECTS FOR STUDENTS SUPPORT AND MOTIVATION IN UNIVERSITY INFORMATION ENVIRONMENT D. Stoyanova, E. Savova, I. Peteva, R. Yotova	9706
APPLICATION OF THE MIXED METHODS RESEARCH USING SEQUENTIAL EXPLANATORY DESIGN N. Maforah, G. Leburu-Masigo	9710
SECOND-ORDER DIFFERENTIAL EQUATIONS IN THE EDUCATION OF THE FUTURE TRANSPORT ENGINEERS WITH SUPPORT OF MATLAB J. Kulicka, S. Machalik	9716
MAIN DIMENSIONS OF OPEN INNOVATION BETWEEN INDUSTRY AND UNIVERSITY: AN EXPLORATORY APPROACH IN A ROMANIAN ENVIRONMENT C.F. Baban, M. Baban	9726
HOW TO TRAIN ADULT EDUCATORS IN UNIVERSITY? A QUALITATIVE EMPIRICAL RESEARCH TO EXPLORE THE DEVELOPMENT OF PROFESSIONAL COMPETENCES M.B. Gambacorti-Passerini, A. Galimberti, C. Palmieri	9735
<b>TEACHING EFL LEARNERS TO ANALYZE CONCEPTS: THEORETICAL AND</b> <b>METHODOLOGICAL ISSUES</b> Y. Akimtseva, D. Khramchenko, D. Razoryonov, N. Bulaeva	9739
LINKING WORKPLACE LEARNING TO ORGANIZATIONAL SOCIAL MEDIA - A LONGITUDINAL STUDY OF AN INTERNATIONAL HOTEL CHAIN K. Högberg	9745
<b>"FREE AND EFFECTIVE BUT NOT STRESSED": TYPES OF MOTIVATION IN PERUVIAN</b> <b>WOMEN TEACHERS</b> <i>I. Iraola-Real, W. Iraola-Real, K. Iraola-Real, N. Real-Torres, E. Iraola-Real</i>	9753
<b>PEDAGOGICAL PROPOSAL TO ENHANCE ENVIRONMENTAL EDUCATION IN</b> <b>EARLY CHILDHOOD</b> J. Choconta-Bejarano, J. Galeano-Martinez, C. Parra-Moreno	9760
ON COMPLEXITY MEASUREMENT OF SOME ISSUES OF THE SCHOOL MATHEMATICS COURSE R.V. Mayer	9764
WHAT DO NURSING STUDENTS EXPECT FROM ICT IN THEIR LEARNING AND PRACTICE? C. Sá, A. Nabais, A. Oliveira	9772
<b>THE ROLE OF TQM, INNOVATION AND INTERNATIONALIZATION STRATEGIES ON</b> <b>THE FINANCIAL SUSTAINABILITY OF HIGHER EDUCATION INSTITUTIONS (HEIS)</b> <i>M. Godinho Antunes, P. Ribeiro Mucharreira, M. Texeira Fernandes Justino, J. Texeira Quirós</i>	9778
HEURISTICS IN ENGINEERING EDUCATION. A CASE STUDY APPLICATION TO SUSTAINABLE BRIDGE MANAGEMENT SYSTEMS I. Navarro Martínez, V. Yepes Piqueras, J.V. Martí Albiñana	9788
MULTI-CRITERIA DECISION MAKING TECHNIQUES IN CIVIL ENGINEERING EDUCATION FOR SUSTAINABILITY I. Navarro Martínez, J.V. Martí Albiñana, V. Yepes Piqueras	9798

A FRAMEWORK FOR BOOSTING THE AUTONOMOUS AND EXPERIENTIAL LEARNING FOR UNDERGRADUATE ENGINEERING STUDENTS UNDER BLENDED LEARNING	9808
D. Santillán Sánchez, J.C. Mosquera Feijoo, L. Cueto-Felgueroso, B. González Rodrigo, F. Suárez Guerra, I. Chiyón Carrasco	
TEN YEARS OF EXPERIENCE OF WORKING WITH STUDENTS OF THE UNIVERSITY OF THE BASQUE COUNTRY, COMPANIES AND GOVERNMENT IN BASIC RESEARCH TOPICS	9816
M.M. Maruri, I. Sotes, I. El Ghazi, I. Basterretxea-Iribar	
STRATEGIES USED IN FOREIGN LANGUAGE VOCABULARY TEACHING S. Hubackova, I. Semradova	9826
SELECTED ASPECTS OF COLLABORATION IN INCLUSIVE EDUCATION - RESEARCH FINDINGS	9831
M. Cabanová, K. Vančíková, M. Trnka, Z. Lynch, R. Sabo, T. Vaníková	
THE EXPERIENCE OF SAUDI TEACHER-TRAINERS ATTENDING COURSES VIA MOOCS D. Alharthy	9837
<b>EXPLORING A METHODOLOGY BASED ON PEER REVIEW FOR THE DEVELOPMENT</b> <b>OF MATHEMATICAL COMPETENCE IN HIGH SCHOOL</b> <i>R. Jiménez Bezares, T. Sancho-Vinuesa, T. Romeu Fontanillas</i>	9838
ROLE OF SCHOOL MANAGEMENT IN THE PROCESS OF ADAPTING INCLUSIVE TEAMS AT SCHOOLS - ANALYSIS OF FOCUS GROUP INTERVIEWS Z. Lynch, M. Cabanová, K. Vančíková, M. Trnka, R. Sabo, T. Vaníková	9847
PROJECT-BASED LEARNING FRAMEWORK FOR LARGE GROUPS: THE CASE STUDY OF THE SILESIAN METROPOLIS (GZM) MODEL T. Bradecki, M. Cabaj	9853
VIDEO-TUTORIALS ELABORATION PROCESS FOR ENHANCING THE LEARNING OF THE SUBJECT "PHYSIOTHERAPY IN PRIMARY CARE" M. Balasch-Bernat, M. Aguilar Rodríguez, L. Fuentes Aparicio, N. Sempere Rubio, M.C. Velasco Carrasco, L. Dueñas Moscardó	9863
PHYSIOTHERAPY STUDENTS' SATISFACTION REGARDING THE IMPLEMENTATION OF VIDEO-TUTORIALS ABOUT PREGNANCY AND POSTPARTUM WITHIN THE SUBJECT CLINICAL SPECIALTIES III	9867
L. Fuentes Aparicio, L. Dueñas Moscardó, M.C. Velasco Carrasco, N. Sempere Rubio, M. Aguilar Rodríguez, M. Balasch-Bernat	
"BEGINNING ALL OVER AGAIN": EXPERIMENTAL EXERCISES IN TEACHING ARCHITECTURE L. Ottolini	9872
TALENT AND PERFORMANCE MANAGEMENT WITHIN SMES IN A RURAL CROSS- BORDER REGION IN SCANDINAVIA A. Svensson, L. Berndtsson	9880
COLOMBIAN UNIVERSITY RESEARCH SYSTEM: CONTEXT AND STRATEGIES L.A. Barragán, I. Muñoz, C. Aguirre, L. Vásquez	9886
<b>ENGAGEMENT AND ACADEMIC SELF-EFFICACY IN ELEMENTARY EDUCATION</b> <b>STUDENTS</b> <i>C. Blas-Atencia, L. Nolberto-Quispe, J. Bravo-Cunza, I. Iraola-Real</i>	9892
SOCIAL WORK RESEARCH TRAINING: AN EXPERIENCE WITH A BOGOTÁ'S RURAL COMMUNITY M. Ramirez, A. Pereira García	9897
EDUCATION OF MANAGERS IN THE AREA OF RISK MANAGEMENT IN THE SLOVAK REPUBLIC V. Míka, M. Masár, M. Hudakova	9902
IMPLEMENTATION OF PRACTICAL ACTIVITIES TO THE UNIVERSITY STUDY IN THE AREA OF THE RISK MANAGEMENT AND CRISIS MANAGEMENT AT THE UNIVERSITY OF ŽILINA M. Hudakova, M. Titko	9912
<b>GRADING EXAMS – MORE THAN JUST A NUMBER</b> E. Gur	9921
THE INCLUSION OF THE TRANSVERSE PROGRAM A FORM OF EDUCATIONAL INNOVATION IN THE UNIVERSITY OF VERACRUZ	9925
M.E. Sentíes Santos, C.P. Garrido Vargas, H. Zizumbo Ramírez, M.E. Fragoso Terán, S. Pérez Prieto, G. Ruiz Blanco	

THE TECHNOLOGY-MEDIATED EDUCATION IN AMAZONAS: A MEANS OF INCLUSION	9930
C. de Moraes Martins Pereira, A. Drumond Tavares, G. de Araújo Ribeiro, V.M. do Perpétuo Socorro Marques Marinho, S.A. dos Santos	
SUPPORTING ENTREPRENEURSHIP AND INNOVATION IN HIGHER EDUCATION IN ROMANIA	9938
A. Marin, L.F. Boanță, A. Țelinoiu, G. Darie, M.A. Din BUILDING BRIDGES BETWEEN VOCATIONAL EDUCATION, UPPER SECONDARY	9948
AND HIGHER EDUCATION – A COMMON DIGITAL LEARNING ENVIRONMENT (CDLE) P. Tani, K. Komulainen, T. Ylikoski	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
INFORMATION AND COMMUNICATION TECHNOLOGIES AS A MEANS OF	9953
<b>TEACHING ENGLISH VOCABULARY AT THE SENIOR LEVEL OF EDUCATION (USING LANGUAGE-BASED PLATFORM MEMRISE)</b> <i>E. Harkova, E. Larionova, F. Shigapova</i>	
<b>TEMPORAL LEARNING TRAJECTORIES: THE FOCUS AMONG DIFFERENT DIDACTIC</b> <b>SOURCES</b> <i>M. Zunguze, F. Nunes, S. Franco, J. Valdeni</i>	9960
ETHNICALLY HOMOGENEOUS SCHOOL - A SOLUTION OR A PROBLEM?	9968
K. Vančíková, M. Scholtzová	7700
<b>EMBRACING DIVERSITY ON-LINE: EXPERIENCING CHALLENGES IN DEVELOPING</b> <b>AND IMPLEMENTING AN INTERNATIONAL COURSE</b> <i>O. Almog, N. Basman-Mor, L. Jager, S. Schaal</i>	9974
CONNECTION BETWEEN CONTINUOUS EVALUATION AND REFLEXIVE TECHNIQUES DURING PHD STUDIES K. Vančíková, D. Šukolová	9979
ONLINE EDUCATION PRACTICE AND OPEN CONTENT DEVELOPMENT (OCD) IN VET A. Benedek, G. Molnár	9986
FORMATION OF PSYCHO-COGNITIVE COMPETENCE IN THE PROCESS OF GERMAN	9992
<b>TO RUSSIAN INTERPRETATION TRAINING</b> V. Glushak, Y. Zavyalova, E. Koptyakova	9992
IN-DEMAND OCCUPATIONS AND SKILLS, REQUIRED FOR WORK IN THE ARCTIC ZONE OF RUSSIA I. Stepus, A. Simakova, E. Pitukhin, A. Kekkonen, V. Gurtov	9998
VIRALITY AS AN ETHICAL OPPORTUNITY AND CHALLENGE	10007
M. Rath	10007
SIMULATION OF CONCURRING MULTI-AGENT EVENTS WITH INDIVIDUALIZED EPISTEME TO MAXIMIZE VARIABILITY OF PEDAGOGICAL SITUATIONS FOR IMMERSED INTELLIGENT TUTORING SYSTEM S.W. Hong, J.H. Park, J.S. Choi	10013
CHANGE OF THE ECONOMIC ADMINISTRATIVE PARADIGM FROM A SUSTAINABLE APPROACH AND THE IMPLICATIONS IN THE PROFESSIONAL PROFILE OF THE PUBLIC ACCOUNTANT A.D. Torres-Rivera, R. Florencio da Silva	10019
<b>RAPID MOBILE AUGMENTED REALITY PROTOTYPING WITH UNITY, VUFORIA,</b> <b>AND 3D MODELING</b> <i>T. Muilu, N. Nguyen, A. Dirin</i>	10023
THE INTELLIGENT STUDENT DEVELOPMENT, POTENTIAL AND CAPACITY V. Keseev	10033
ONISEE, ENTREPRENEURIAL UNIVERSITIES IMPACT ON THE SOCIO-ECONOMIC DEVELOPMENT	10040
L. Markuerkiaga, A. Eizaguirre, M. Vivar, A. Diaz MANAGEMENT STRATEGIES FOR KNOWLEDGE TRANSFORMATION: A STUDY OF	10049
<b>LEARNING EFFECTS IN INDUSTRY-UNION-UNIVERSITY COLLABORATIVE E-</b> <b>LEARNING INITIATIVES</b> <i>M. Hattinger, K. Eriksson, P. Hegli, N. Henriksen</i>	10049
MANAGING STUDENT DIFFICULTIES WITH CONTINUOUS EVALUATION IN A HIGHER EDUCATION CONTEXT J.A. Ramírez Masferrer, P. Kindelan	10058
CREATING YOUR OWN APP FOR AN ENGINEERING SUBJECT: A BRIEF COMMENT	10065
J.A. Ramírez Masferrer, P. Kindelan, F. Escolano	

<b>TAKING UNIVERSITY TEACHING IN HEALTH SCIENCES TO SECONDARY</b> <b>EDUCATION STUDENTS BY GAMIFICATION</b> <i>M.C. Ruiz-Grao, A. Hernández-Martínez, J. Pont-Yañez, M. García-Moreno, M.L. Amo-Saus, M.</i> <i>Molina-Alarcón</i>	10073
GIFTED CHILDREN AND THE TRANSITION FROM KINDERGARTEN TO ELEMENTARY SCHOOL R. Petani, L. Kashahu, M. Miočić	10082
DESIGNING THROUGH EXPERIENCE - STUDENT DESIGN WORKSHOP "THE GARDEN OF EXPERIENCES" A. Szewczenko, K. Kimic, I. Benek	10091
<b>YOUTHS' KNOWLEDGE ABOUT AND ATTITUDES TO CANNABIS</b> M. Molina-Alarcón, M.C. Ruiz-Grao, R. Morote-Martínez, M. García-Moreno, M.L. Amo-Saus, A. Hernández-Martínez	10101
IS IT FAKE? I'LL GOOGLE IT. FAKE NEWS AND HIGHER EDUCATION STUDENTS IN PORTUGAL S. Santos, J. Figueira	10110
ACADEMIC-CITY: EVALUATION OF AN EDUCATIONAL INTERVENTION PROGRAM IN A DEVELOPMENT CITY IN ISRAEL- (1ST YEAR PILOT) E. Milstein, A. Levy Levi Vered	10116
IMPROVAL OF AN EDUCATIONAL PLATFORM THROUGH THE INTEGRATION OF AN EXTENSIBLE E-LEARNING AUTHORING TOOL S. López-Pernas, A. Benito, L. Marco, A. Gordillo	10117
<b>DESIGNING ONLINE COURSES AS A TEAM: A TEAM-BASED APPROACH MODEL</b> M. Abdous	10125
A CASE STUDY ON THE EFFECTIVENESS OF PROVIDING EXTRA 1-1 MATHS SUPPORT TO STUDENTS WITH WEAK MATHEMATICS SKILLS ACROSS A RANGE OF DISCIPLINES IN HIGHER EDUCATION K. Khan, H. Nasriani, T.L. Graham, S. Ndlovu, J. Mai	10126
<b>PROMOTING DIGITAL COMPETENCE IN TEACHERS TRAINING DESIGNING OPEN</b> <b>EDUCATIONAL RESOURCES</b> <i>R. Tammaro, I.S. Iannotta, M. Calenda, M. Tiso</i>	10130
<b>LEARNING PERSONALISATION AT THE TERTIARY LEVEL USING ICT</b> L. Kaminskienė, E. Daukšienė, N. Khetsuriani	10136
GLOBAL NETWORK OF THE CERVANTES INSTITUTE S. Barov, E. Mussaui-Ulianishcheva, P. Ulyanishchev, A. Basmanova, L. Ulyanishcheva	10144
EDUCATIONAL PROGRAMMES OF THE CERVANTES INSTITUTE IN CHINA S. Barov, E. Zakharova, Y. Grunina, E. Kargovskaia	10150
ORGANISATIONAL AND COMMUNICATION COMPETENCIES OF ACCOUNTING SPECIALISTS IN THE OPINION OF 'FINANCE AND ACCOUNTING' STUDENTS AT THE UNIVERSITY OF GDANSK A. Szadziewska, J. Kujawski	10155
PLAYING KAHOOT! FOR FORMATIVE ASSESSMENT TO IMPROVE ACADEMIC DIDACTICS R. Tammaro, C. Ferrantino, M. Tiso, I.S. Iannotta	10166
<b>INTEGRATION OF COMSOL MULTIPHYSICS IN ENGINEERING PHYSICS COURSES.</b> <b>FROM THEORY TO IPHONE APPS</b> <i>D. Buna, D. Tafone, L. Hohxa</i>	10171
GREEK PRIMARY SCHOOL TEACHERS' PERCEPTIONS ABOUT USING DRAMA- BASED ACTIVITIES IN THE CONTEXT OF ENVIRONMENTAL EDUCATION E. Andrikopoulou, K. Koutrouba	10175
THE ROLE OF TEST-BEDS IN TEACHING AND LEARNING PROCESSES IN COMPUTER SCIENCE C. Alcaraz	10182
UNDERSTANDING HUMOUR AND IRONY IN POLITICAL DISCOURSE: PEDAGOGICAL APPROACH A. Gornostaeva, T. Larina, V. Ozyumenko	10191
INNOVATIVE EDUCATION OF GRADUATES OF TECHNICAL SCHOOLS AS A FACTOR FOR COMPETITIVENESS M. Zatrochova, M. Kuperova, H. Janakova	10198

A SCOPING STUDY INTO STUDENT PERCEPTIONS OF THE EFFECTIVENESS OF PEDAGOGICAL APPROACHES THAT IMPLEMENT TECHNOLOGY ENHANCED LEARNING AND THEIR IMPACT ON THE STUDENT LEARNING EXPERIENCE P. Holdridge, P. Fenn	10205
ANALYSIS OF THE LEVEL AND STRUCTURE OF PHYSICAL ACTIVITY AND INACTIVITY IN ADOLESCENTS IN THE CZECH REPUBLIC IN THE CONTEXT OF ALL- DAY REGIMEN AND OF THE LEVEL OF MOTIVATION TO PHYSICAL ACTIVITY P. Valach, K. Svatora	10212
<b>TEACHING MECHANICAL SYSTEMS WITH MATHEMATICA</b> R.D. Santiago Acosta, E.M. Hernández Cooper, M.L. Quezada Batalla	10220
GROUP SEQUENTIAL TESTS IN THE FIELD OF LIFE SCIENCES. NEW DIRECTIONS IN UNIVERSITY EDUCATION IN POLAND D. Domagała	10225
ESTABLISHMENT AND COMPARISON OF THE CURRENT LEVELS OF ACQUISITION OF SELECTED GYMNASTIC SKILLS IN PRIMARY SCHOOL 6TH YEAR PUPILS IN THE CZECH REPUBLIC AND POLAND P. Valach	10230
SCIENCE TEACHER EDUCATORS' VIEWS ON INCORPORATING A THEMATIC APPROACH IN SCIENCE TEACHER EDUCATION CURRICULUM IN SOUTH AFRICA K. Booi	10237
PLAY IN THE WORK OF KINDERGARTEN TEACHERS IN THE CONTEXT OF THE PRESCHOOL CURRICULUM E. Šmelová, A. Berčíková	10243
<b>ENHANCING PRESERVICE SPECIAL EDUCATORS' LITERACY INSTRUCTION</b> <b>THROUGH EXPERIENTIAL LEARNING EXPERIENCES</b> <i>M. Tejero Hughes, G. Braun</i>	10249
MODELLING AND FORECASTING THE PROPORTION OF FEMALE GRADUATES FROM MAJOR SUBJECTS: EDUCATION, ENGINEERING AND ENGINEERING TRADES, INFORMATION AND COMMUNICATION TECHNOLOGY AND AGRICULTURE IN POLAND D. Domagała	10253
PREPARATION OF CHILDREN TO LEAVE INSTITUTIONAL CARE AS A MEANS OF SUCCESSFUL SOCIAL INTEGRATION V. Štenclová, T. Čech	10258
THE VOCATIONAL ORIENTATION AS A FACTOR THAT INFLUENCES THE CHOICE OF DEGREE. A CASE OF STUDY IN THE FACULTY OF ACCOUNTANCY OF THE UNIVERSIDAD VERACRUZANA IN VERACRUZ H. Zizumbo Ramírez, C.P. Garrido Vargas, M.E. Sentíes Santos, M.E. Fragoso Terán, C. Ruiz Garrido	10268
UNIVERSITY COUNSELLOR AT THE CENTRE OF THINGS: A SLIPPERY ROAD M. Mashiapata	10275
SUPPORT SERVICES FOR ONLINE STUDENTS: ACCESS AND ACCESSIBILITY G.A. Papadopoulos, D. Vlachopoulos	10282
THE RESEARCH OF SOCIOCULTURAL COMPONENTS OF FAMILY AND MARRIAGE IN ENGLISH LITERATURE FOR EFFECTIVE FOREIGN LANGUAGE TEACHING AT UNIVERSITY IN RUSSIA A. Blagoveshchenskaya, I. Ainoutdinova	10292
<b>TEAM-BASED LEARNING IN ECONOMICS IN COMPARATIVE PERSPECTIVE</b> G. Abio, M. Arespa, M. Gómez-Puig, C. Patxot, G. Rubert, M. Serrano, A. Stoyanova, M. Vilalta-Bufí	10297
QUESTIONING SOCIAL MEDIA FOR VOCATIONAL TRAINING: THE VOICES OF TEACHERS	10302
J. Kasperiuniene, S. Daukilas <b>STUDENTS' READINESS FOR ONE-SEMESTER INTERNATIONAL ACADEMIC</b> <b>MOBILITY – A COMPARATIVE STUDY AMONG POLISH AND UZBEK COMPUTER</b> <b>SCIENCE STUDENTS</b> <i>M. Milosz, D. Mukhamedova, E. Milosz</i>	10309
PECULIARITIES OF TEACHER-CENTERED AND LEARNER-CENTERED EFL TRAINING METHODS AT UNIVERSITIES IN RUSSIA I. Ainoutdinova, A. Blagoveshchenskaya	10315
USING VIDEO GAMES IN INTERCULTURAL, DIVERSITY AND INCLUSION EDUCATION E. Shliakhovchuk	10326

FPGA-MODELLING AND SIMULATION OF CODE CONVERTERS APPLIED IN THE EDUCATIONAL PROCESS I. Stoev, A. Borodzhieva, V. Mutkov	10337
<b>FIND THE DRIVE: ON CO-DESIGNING PRACTICE AND EXPERIENCE OF A RESEARCH</b> <b>AND DEVELOPMENT PROJECT DRIVEN BY MUNICIPALITIES AND UNIVERSITY</b> <i>M. Spante, A. Varga, H. Korp, H. Lindh, L. Jansson, B. Lindeberg, A.H. Adler Johannesson</i>	10347
FPGA IMPLEMENTATION OF COUNTERS FOR TRAINING PURPOSES IN THE UNIVERSITY OF RUSE I. Stoev, A. Borodzhieva, V. Mutkov	10357
<b>DIGITAL EDUCATIONAL APPLICATIONS POSSIBILITIES WITHIN THE EXTENDED</b> <b>TEACHING OF ECONOMIC SUBJECTS</b> <i>M. Glatz, B. Mišota, M. Kuperova</i>	10367
THE COMPARISON OF ALGORITHMS USED FOR PLAGIARISM DETECTION IN PROGRAMMING ASSESSMENTS A. Grocevs, N. Prokofjeva	10375
<b>REPRESENTATION OF INDUSTRIAL PRODUCTS IN THE EARLY STAGES OF DESIGN:</b> <b>DRAWING AND ARTISTIC EXPRESSION IN INDUSTRIAL DESIGN</b> <i>F. Felip, J.L. Navarro Lizandra</i>	10376
<b>TEACHING ICT THROUGH A FOREIGN LANGUAGE: MOTIVATION ISSUES</b> K. Grigorieva, N. Batrova, D. Vedenkin, R. Yakhina	10383
ENHANCING ACCESS TO MATHEMATICS: ELEMENTARY TEACHERS INTERVIEWING ENGLISH LANGUAGE LEARNERS H. Haydar	10389
SEL-360: SERIOUS GAMES FOR SOCIAL AND EMOTIONAL LEARNING D. Peña, P.C. Shih, G. Nocito, S. Méndez	10395
NEW TECHNOLOGIES IN THE DAILY TEACHING PRACTICE AS A WAY TO DEVELOP ATTITUDES – CONCEPT BASED ON INTERNATIONAL RESEARCH PROJECT EXPERIENCE G. Sierpiński, M. Staniek, K. Turoń	10396
METHODOLOGY FOR COMMUNICATING ELECTRIC MOBILITY AT VARIOUS LEVELS OF EDUCATION K. Turoń, G. Sierpiński, M. Staniek	10402
BOOSTING STUDENTS' SELF ESTEEM THROUGH TRAINING THEM IN SPEAKING SKILLS O. Souleimanova, V. Yaremenko, A. Vodyanitskaya	10409
<b>COMBINING PROJECT-BASED LEARNING AND ROLE PLAY IN SYNERGETIC</b> <b>TEACHING</b> <i>O. Suleimanova, V. Yaremenko, A. Vodyanitskaya</i>	10414
ANALYSIS OF THE POSSIBILITIES OF ONLINE FOREIGN LANGUAGE LEARNING SYSTEMS IN BULGARIA A. Borodzhieva	10420
PARTICIPATION OF STUDENT TEAMS IN URBAN AND ARCHITECTURAL PROJECTS OF THE CITIES OF THE UPPER SILESIAN-ZAGLEBIE METROPOLIS ON THE EXAMPLE OF BYTOM A. Pancewicz	10430
ANALYZING PROSPECTIVE TEACHERS' MOTIVATING DESIRES DURING MATHEMATICAL PROBLEM SOLVING L. Warner, R. Schorr, G. Goldin	10436
FOREIGN LANGUAGE TRAINING BASED ON ADAPTATION TO STUDENTS' PERSONAL CHARACTERISTICS AND DEVELOPMENT OF THEIR COGNITIVE SKILLS V. Pisarenko	10442
A FRAMEWORK TO INTEGRATE MUSIC INTO A STEM CURRICULUM F. Abrahams	10453
<b>METHODS OF LEARNING AND TEACHING INTERNATIONAL JOURNALISM</b> E. Ivanova, A. Kolosova, N. Poplavskaya	10461
THE CHILD AND THE CATEGORY OF CHILDHOOD IN THE STUDY ON SCHOOL'S SOCIO-CULTURAL SPACE. CHILDREN'S WORLDS - MULTICULTURAL CONTEXTS - A REFLECTION B. Dobrowolska	10466
THE ROLE OF LEARNING MANAGEMENT SYSTEMS (LMS) IN EDUCATIONAL ENVIRONMENTS: DIDACTIC AND TECHNICAL USE M.L. Arancibia Muñoz, C. Halal Orfali	10473

INTERACTIVITY IN THE CURRICULUM PROCESS (TYPES OF PROBLEM SITUATIONS AS INTERACTIVE FORMS OF LEARNING) M. Modeva	10480
ENGINEERING EDUCATION AS ELEMENT OF INNOVATIVE ECONOMIC DEVELOPMENT: CASE OF LATVIA D. Vasilevska, B. Rivza	10487
ACADEMIC ADVISING PROGRAM: A PERCEPTION FROM EMOTIONS, STRESS AND WELL-BEING IN UNIVERSITY CONTEXT M. De Souza Martins, S. Posada-Bernal	10495
BUILDING OUR HOUSE ON SAND? HIGHER EDUCATION INTERNATIONALIZATION STRATEGIES FROM THE ACTORS' PERSPECTIVE A. González Bonilla	10501
INFLUENCE OF SENSORIMOTOR EXERCISES ON LEARNING ABILITIES E. Sarlós	10511
A COMPARISON OF THE PERFORMANCE OF A SOUTH-FACING OFFICE BUILDING IN MOIST CONTINENTAL AND SUBTROPICAL HOT DESERT CLIMATES - COMPUTER SIMULATION-BASED BUILDING PERFORMANCE ANALYSES (BPA) D. Masly	10519
USING EDUCATIONAL STRATEGIES AND TECHNIQUES BASED ON INTERACTIVE CARTOONS, ANIMATIONS AND 3D VISUALIZATIONS TO REBUILD SCIENTIFIC KNOWLEDGE IN CHEMISTRY IN HIGHER EDUCATION K. Dalacosta, E. Pavlatou	10529
<b>TEACHING TIME MANAGEMENT: EFFECTS ON STUDENT PARTICIPATION DURING THE GREEK LANGUAGE INSTRUCTION</b> V. Golfinopoulou, C. Tziovara	10536
ENGINEERING STUDENTS' BELIEFS ABOUT THE NATURE OF EXPERIMENTAL PHYSICS AT A SOUTH AFRICAN UNIVERSITY L. Reddy	10544
DIGITAL EDUCATIONAL RESOURCES FOR TEACHING ENGLISH – A CRITICAL ANALYSIS M. Bilanova, K. Kostolanyova	10548
<b>SELECTED SUSTAINABLE DEVELOPMENT TRENDS: FACTS AND DATA</b> J.G. de la Vega Meneses, C. Malcon Cervera, I.N. Pinto-López	10555
EDUCATION AS A POLITICAL INSTRUMENT: THE IMPOSITION OF GENDER IDEOLOGY IN THE OPEN AND HIDDEN CURRICULA H. Osieja	10562
<b>GUIDES TO FOSTER ENERGY TRANSITION: BEST PRACTICES WORLDWIDE</b> J.G. de la Vega Meneses, C. Malcon Cervera, I.N. Pinto-López	10567
<b>EXPERIMENTING WITH CYBERSECURITY: ANOTHER WAY TO LEARN COMPUTER</b> <b>ARCHITECTURE</b> <i>M. Rodriguez-Garcia, M.A. Cifredo-Chacón</i>	10574
E-LEARNING AS PART OF ACADEMIC INFORMATION SYSTEMS AT HIGHER EDUCATION INSTITUTIONS Z. Stofkova, E. Novakova	10582
<b>DEVELOPMENT OPPORTUNITIES OF DIGITAL AND LABOR MARKET</b> <b>COMPETENCES IN HIGHER EDUCATION</b> <i>G. Molnár, K. Nagy, Z. Szűts</i>	10590

G. Molnár, K. Nagy, Z. Szűts