Table of Contents

Long Papers

Am I Productive? Exploring the Experience of Remote Workerswith Task Management Tools .....Article 1

Russell Beale (University of Birmingham), Oyindamola Williams (University of Birmingham)

"It Doesn't Feel Like Work": Understanding the Use of General Over Specialised Digital Technologies for Mental Well-being Support .....Article 2

Aleksandra Wruk (University of Glasgow), Xianghua (Sharon) Ding (University of Glasgow)

Phygital Artefacts and People with Intellectual Disability: A Case Study.....Article 3

Marco Mores (Free University of Bozen-Bolzano), Muhammad Bilal Khan (Free University of Bozen-Bolzano), Alessandra Melonio (Ca' Foscari University of Venice), Rosella Gennari (Free University of Bozen-Bolzano)

Different Narrative Techniques in More-Than-Human Personas .....Article 4

Lene Nielsen (IT University Copenhagen), Rike Neuhoff (AAlborg University)

Toward Neurodivergent-Aware Productivity: A Systems andAI-Based Human-in-the-Loop Framework for ADHD-AffectedProfessionals .....Article 5

Raghavendra Deshmukh (PES University)

The SBAM Card Deck as a Design Tool for Sustainability: An Assessment with Mobile App Designers .....Article 6

Chiara Tancredi (University Suor Orsola Benincasa), Roberta Presta (University Suor Orsola Benincasa), Laura Mancuso (University Suor Orsola Benincasa), Roberto Montanari (RE:LAB s.r.l.)

Designing and Evaluating Rebecca: A Telepresence Robot in the Shoes of A Social Assistant for Cognitive Stimulation Therapy.....Article 7

Berardina De Carolis (University of Bari), Nicola Macchiarulo (University of Bari), Angela La Forgia (Exprivia S.p.A.), Giovanni Melone (Exprivia S.p.A.), Fabio Nardelli (Exprivia S.p.A.)

A Teacher-Driven Framework for Reliable and Personalised AITutors.....Article 8

Stefano Valtolina (University of Milan), Ricardo Anibal Matamoros Aragon (Social Things SRL, Italy), Francesco Epifania (Social Things SRL, Italy)

A Descriptive Review of Image Datasets for Accessible Alternative Descriptions in STEM Domains.....Article 9

Marco Cardia (University of Pisa), Marina Buzzi (CNR - IIT), Giulio Galesi (University of Pisa), Barbara Leporini (University of Pisa, CNR - ISTI)

Investigating Human-Computer Interaction in EducationalEdutainment Environments: Preliminary Results ..... Article 10

Giuseppe Genito (University of Salerno), Fabiola De Marco (University of Salerno), Alessia Auriemma Citarella (University of Salerno), Luigi Di Biasi (University of Salerno), Genoveffa Tortora (University of Salerno)

Stories from the Peaks: An Interactive Data Storytelling to Narrate Climate Change Impacts through a Pluralism of Voices ..... Article 11

Eleonora Mencarini (Fondazione Bruno Kessler), Chiara Leonardi (Fondazione Bruno Kessler), Paolo Massa (Fondazione Bruno Kessler), Francesca D'Errico (Fondazione Bruno Kessler)

The State of Web Accessibility for Italian Local Health Authorities ..... Article 12

Andrea Antonio Cantone (University of Salerno), Mafalda Ingenito (University of Salerno), Monica Sebillo (University of Salerno), Giuliana Vitiello (University of Salerno)

Designing and Evaluating In-Situ Assistive Features to Anticipate Text-Based Responses of Conversational Agents ..... Article 13

Michelle Xiao Lin Foo (LMU Munich), Ilhan Aslan (Aalborg University), Sven Mayer (LMU Munich, TU Dortmund University)

Evaluating LLMs for Synthetic Personas Generation: A Comparative Analysis of Personality Representation and Censorship Effects ..... Article 14

Luigi Casoria (National Research Council of Italy), Pietro Neroni (National Research Council of Italy), Luca Sabatucci (National Research Council of Italy), Agnese Augello (National Research Council of Italy), Giuseppe Caggianese (National Research Council of Italy)

Exploring the Potential and Challenges of Generative AI in Assistive Technology Design and Fabrication: Insights from Occupational Therapists ..... Article 15

Yiyun Zhang (Georgia Institute of Technology), Leila Aflatoony (Georgia Institute of Technology), Mixuan Li (Georgia Institute of Technology)

Style Matters: Exploring the Role of Art Style in AI-Generated Images on Engagement in a Gamified Text Labelling Interface ..... Article 16

Fatima Althani (Queen Mary University of London), Chris Madge (Queen Mary University of London), Massimo Poesio (Queen Mary University of London)

Caught in the Net: An Explorative HCI Study on HumanBehavioral Vulnerabilities Against Phishing ..... Article 17

Lorenzo Morocutti (University of Genoa), Dario Pasquali (Italian Institute of Technology), Stefano Bencetti (Italian Institute of Technology), Nicoletta Noceti (University of Genoa), Francesco Rea (Italian Institute of Technology), Alessandra Sciutti (Italian Institute of Technology)

A Self-Efficacy Instrument Designed to Explore Haptic User Experience Design and Development Practice: Engineering Self-Efficacy for UXD ..... Article 18

Joanna Aldhous Dr (Edinburgh Napier University), Emilia Sobolewska Dr (Edinburgh Napier University), Gemma Webster (University of Dundee)

Setting the Stage for Fictional and Artificial Characters ..... Article 19

Antonella De Angeli (Free University of Bozen-Bolzano), Paolo Grigis (Free University of Bozen-Bolzano)

Exploring LLM-Driven Interaction for Knowledge Retrieval inExtended Reality ..... Article 20

Luca Cordioli (Politecnico di Milano), Ludovica Piro (Politecnico di Milano), Matteo Valoriani (FifthIngenium Srls), Maristella Matera (Politecnico di Milano)

Conversational Web Browsing: Where Do Existing DesignGuidelines Fall Short? ..... Article 21

Ludovica Piro (Politecnico di Milano), Himanshu Verma (Delft University of Technology), Maristella Matera (Politecnico di Milano)

Supporting Team-Based Learning through Robot-MediatedQuizzes: An Educational Study with Furhat ..... Article 22

Rita Francese (University of Salerno), Madalina Giorgeta Ciobanu (University of Salerno), Laura De Santis (University of Salerno), Genoveffa Tortora (University of Salerno)

How an LLM Can Improve Automatic Web Accessibility Validation? ..... Article 23

Fabio Paternò (CNR-ISTI, HIIS Laboratory), Manuela Vinci (CNR-ISTI, HIIS Laboratory), Marco Manca (CNR-ISTI, HIIS Laboratory), Nicola Iannuzzi (CNR-ISTI, HIIS Laboratory)

CO_2 Tracker: A Platform for Improving the Awareness of Carbon Dioxide Levels in an Urban Environment ..... Article 24

Fabio Pittarello (Università Ca' Foscari Venezia), Lorenzo Cercato (Università Ca' Foscari Venezia)

Evaluating Social Acceptance of eXtended Reality (XR) Agent Technology: A User Study ..... Article 25

Megha Quamara (King's College London), Viktor Schmuck (King's College London), Cristina Iani (University of Modena and Reggio Emilia), Axel Primavesi (Deutsche Welle), Alexander Plaum (Deutsche Welle), Luca Viganò (King's College London)

SecureTAP: A Conversational Agent for Secure and Privacy-Aware Smart Home Automations .... Article 26

Arianna Di Serio (CNR-ISTI), Simone Gallo (CNR-ISTI), Fabio Paternò (CNR-ISTI)

Sensory Representations of Categorical Attributes: A User Study for the Multisensory Interaction with Information Spaces ..... Article 27

Ilaria Amaro (University of Salerno), Attilio Della Greca (University of Salerno), Álvaro Montero Montes (University Carlos III of Madrid), Paloma Díaz (University Carlos III of Madrid), Teresa Onorati (University Carlos III of Madrid), Ignacio Aedo (University Carlos III of Madrid), Genoveffa Tortora (University of Salerno)

How to Stream Sustainably; Investigating Avenues for Sufficient Use Practices in Dutch Households ..... Article 28

Mathijs Bodelier (TNO), Melanie Klösters (TNO), Luise Schlindwein (TNO), Pepijn van Empelen (TNO), Hans Stokking (TNO)

Attentive Saliency and Photorealism in Immersive Virtual Environments ..... Article 29

Deborah Pintani (University of Verona), Giulia Benvegnù (University of Verona), Federico Maria Lorusso (University of Verona), Cristiano Chiamulera (University of Verona), Andrea Giachetti (University of Verona), Ariel Caputo (University of Verona)

Exploring Cultural Heritage through Play: Insights from TwoCase Studies Combining Immersive and Traditional Play ..... Article 30

Martina Correnti (Ca' Foscari University of Venice), Francesco Pio Covino (Università degli Studi di Salerno), Alessandra Melonio (Ca' Foscari University of Venice), Maria Angela Pellegrino (Università degli Studi di Salerno)

SeaStory: An Interactive Visual Novel to Raise Awareness About the Monk Seal ..... Article 31

Sandra Câmara Olim (ITI/LARSyS), Ana Andrade (University of Madeira), Valentina Nisi (ITI/LARSys, Instituto Superior Técnico), Pedro Campos (WowSystems), Mara Dionísio (ITI/LARSys, University of Madeira)

Cinema in the Metaverse: A Focus Group Study on UserExperience in Virtual Reality Film Viewing..... Article 32

Marco Romano (Università degli Studi Internazionali di Roma), Antonella Cavallaro (Università degli Studi Internazionali di Roma, Università Telematica San Raffele di Roma), Ilaria La Penna (Università degli Studi Internazionali di Roma), Alessandro Frolli (Università degli Studi Internazionali di Roma)

The Explanation Scope Does not Fit all: Local, Model-Centric and the Role of Cognitive Traits..... Article 33

Federico Maria Cau (University of Cagliari), Lucio Davide Spano (University of Cagliari)

Instagram Reactions to a Virtual Dining Companion: Qualitative Coding vs. Automated Sentiment Analysis ..... Article 34

Hunter Fong (University of Genoa), Radoslaw Niewiadomski (University of Genoa), Magdalena Igras-Cybulska (Interactive Crafts sp. z o.o.)

"Using a Computer for the First Time, So I Feel It's Hard": A Qualitative Analysis of Usability Pain Points for Blue-and White-Collar Users in an 86-Participant User Study..... Article 35

Bernard J. Jansen (Hamad Bin Khalifa University), Jinan Azem (Hamad Bin Khalifa University), Joni Salminen (University of Vaasa)

Eyes on the Code: Mapping Critical Thinking Through Eye-Tracking for Student-LLM Coding Interactions..... Article 36

Mohammed Tahri Sqalli (New York University Abu Dhabi, Mohammed VI Polytechnic University)

VirtuOR: A Multidisciplinary Project for Designing and Setting Immersive Virtual Environments for Intraoperative Pain Management ..... Article 37

Federica Caruso (University of L'Aquila), Sara Peretti (University of L'Aquila), Nicola Liberati ("Di Lorenzo" Private Clinic), Tania Di Mascio (University of L'Aquila)

Towards Accessible Digital Interfaces for music creativity ..... Article 38

Rocco Zaccagnino (University of Salerno), Gennaro Costagliola (University of Salerno), Roberto De Prisco (University of Salerno), Mattia De Rosa (University of Salerno), Vittorio Fuccella (University of Salerno), Delfina Malandrino (University of Salerno), Daniele Salerno (University of Salerno)

Demystifying Bharatanatyam: A Multi-Modal Framework for Extracting Meanings and Associations in Indian Classical Dance ..... Article 39

Jagriti Galphade (National Institute of Design), Unais Sait (Free University of Bozen-Bolzano), Deeptam Das (National Institute of Design), Pallavi Saratkar (National Institute of Design)

INSPIRE : An INcremental, SPatio-temporal and Immersive Approach for Representing and Exploring Mobility Data ..... Article 40

Clément Quere (University Côte d'Azur), Aline Menin (University Côte d'Azur), Hui-Yin Wu (University Côte d'Azur), Paulo Moura (University Côte d'Azur), Marco Winckler (University Côte d'Azur)

Special Session on Human-Automated Vehicle Interaction

Pedestrians' Perception of Road Crossing While Interacting with Automated Vehicles: A Virtual Reality Experiment: Pedestrians' Perception of Road Crossing while Interacting with Automated Vehicles ..... Article 41

Sachita Shahi (Deakin University, Coventry University), Ashim Kumar Debnath (Deakin University), Stewart Birrell (Coventry University), Ben Horan (Deakin University), Saif Alatrash (Coventry University), William Payre (Coventry University)

Human-Centered Design Framework for Complex Human-Machine Interface in Autonomous Ferry Navigation ..... Article 42

Anton Krassa (Norwegian University of Science and Technology, NTNU), Davide Spallazzo (Politecnico di Milano), Oyvind Smogeli (Norwegian University of Science and Technology, NTNU), Ashis Jalote Parmar (Norwegian University of Science and Technology, NTNU)

Towards Context-Aware UX in Automated Mobility: BLE Based Passenger Detection via Smartphones ..... Article 43

Venkata Srikanth Varma Datla (Sapienza University of Rome), Stefano Zeppieri (Sapienza University of Rome), Alessandro Aiuti (Sapienza University of Rome), Alba Bisante (Sapienza University of Rome), Gabriella Trasciatti (Sapienza University of Rome), Emanuele Panizzi (Sapienza University of Rome)

Accessible Autonomous Vehicles: A Human-Computer Interaction Literature Review ..... Article 44

Chikita Lengkong (TU Ilmenau), Cindy Mayas (TU Ilmenau), Matthias Hirth (TU Ilmenau)

Evaluating Biometric and Behavioral Markers of Intoxication in Drivers: A Pilot Study ..... Article 45

Bahram Salamat Ravandi (University of Gothenburg), Max Fransson (RISE (Research Institutes of Sweden)), Victor Fabricius (RISE (Research Institutes of Sweden)), Norra Vandeleene (Tobii Technology AB), Clémentine Francois (Tobii Technology AB), Robert Lowe (RISE (Research Institutes of Sweden))

Towards More Trustworthy Automated Driving: Comparing Anthropomorphic and Biophilic Interfaces: Comparing Biophilic and Anthropomorphic in Automated Driving ..... Article 46

Saeedeh Mosaferchi (University of Salerno), Mafalda Ingenito (University of Salerno), Giuliana Vitiello (University of Salerno), Alireza Mortezapour (University of Salerno), Alessandro Naddeo (University of Salerno)

Short Papers

Ecological Validity Missing in AI-Assisted Clinical Decision Support Research: Why Real-World Context Matters ..... Article 47

Tommaso Turchi (University of Pisa), Daria Mikhaylova (University of Pisa), Miriana Troccoli (University of Pisa), Alessio Malizia (University of Pisa, Molde University College), Mario Giovanni C.A. Cimino (University of Pisa), Federico Andrea Galatolo (University of Pisa), Gaetano La Mantia (University of Palermo), Giuseppina Campisi (University of Palermo), Olga Di Fede (University of Palermo)

Prioritizing Usability in Programming Environments for Children ..... Article 48

Mika Morgan (University of North Texas), Stephanie Ludi (University of North Texas), Venkata Sai Prakash Boddu (Midwestern State University), Sai Koushik Patibanda (Midwestern State University)

Watchword: A Serious Game for Non-Literal Language Skills Assessment ..... Article 49

Teresa Di Bella (University of Milan - Bicocca), Oscar García-Pañella (ENTI-UB / Cookie Box / IEBS), Rossana Actis-Grosso (University of Milan - Bicocca)

Representing the Human-Environment Relationship: Digital Tools for Supporting Decision-Making Processes in Urban Regeneration Initiatives ..... Article 50

Sabrina Scuri (Politecnico di Milano, ITI/LARSyS), Marco Quaggiotto (Politecnico di Milano)

MultiMoodIfy a Lego-Like Emotion-Aware Music Recommender for Spotify ..... Article 51

Maria De Marsico (Sapienza University of Rome), Marco Rotiroti (Sapienza University of Rome)

Digitally Mapping Abortion Access: The Case of the Crowdsourced Digital Map of Obiezione Respinta ..... Article 52

Cristina Bosco (Luddy School of Informatics, Computing, and Engineering), Veronica Cruciani Salvia (Scuola Superiore Sant'Anna), Patrick C. Shih (Luddy School of Informatics, Computing, and Engineering)

FocuGazeDx: Real-Time Eye-Tracking Framework forRadiological Image Analysis ..... Article 53

Margherita Maria Napolitano (University of Salerno), Lucia Cascone (University of Salerno), Luigi Di Biasi (University of Salerno), Carlo Tacchetti (University Vita-Salute San Raffaele), Michele Nappi (University of Salerno)

Design Thinking and Maritime Spatial Planning: Similarities, Differences and Opportunities for Design ..... Article 54

Massimo Zancanaro (University of Trento, Fondazione Bruno Kessler), Alessandro Mulazzani (ISMAR - Istituto di Scienze Marine - CNR), Andrea Barbanti (ISMAR - Istituto di Scienze Marine - CNR), Stefano Menegon (ISMAR - Istituto di Scienze Marine - CNR)

How Well is Human Attention Preserved in fMRI-Based VisualBrain Decoding? ..... Article 55

Mohammad Moradi (University of Catania), Morteza Moradi (University of Catania), Marco Grassia (University of Catania), Giuseppe Mangioni (University of Catania)

Workshops and Hybrid Toolkits for Communicating Across Disciplines ..... Article 56

Simone Ciciliano (Free University of Bozen-Bolzano), Rosella Gennari (Free University of Bozen-Bolzano)

Prompting Realities: Exploring the Potentials of Prompting for Tangible Artifacts ..... Article 57

Mahan Mehrvarz (Delft University of Technology), Dave Murray-Rust (Delft University of Technology), Himanshu Verma (Delft University of Technology)

Trust in Trust: A Scoping Review on Trust and Conversational Agent Design ..... Article 58

Rhied Al-Othmani (HU University of Applied Sciences Utrecht), Roelof de Vries (HU University of Applied Sciences Utrecht)

How Age Influences the Interpretation of Emotional BodyLanguage in Humanoid Robots ..... Article 59

Ilaria Consoli (Universita' di Torino), Giuseppe Palestra (HERO srl), Claudio Mattutino (Dipartimento di Informatica), Berardina Nadja De Carolis (Universita' di Bari), Cristina Gena (University of Torino)

Toward EEG Based Biometric Authentication in VirtualReality: A Pilot Usability and Performance Study ..... Article 60

Cesare Tucci (University Aldo Moro), Luigi Di Biasi (University of Salerno), Fabiola De Marco (University of Salerno), Alessia Auriemma Citarella (University of Salerno), Attilio Della Greca (University of Salerno), Ilaria Amaro (University of Salerno), Genoveffa Tortora (University of Salerno)

NuevAI: Streamlined Dataset Generator and Human Evaluator System for Development of Pedagogical Conversational Agents ..... Article 61

Salman Sayeed (Bangladesh University of Engineering and Technology), Saad Mohammad Rafid Pial (Bangladesh University of Engineering and Technology), Anindya Iqbal (Bangladesh University of Engineering and Technology)

Guiding Designers and Developers in Creating Symbiotic AI Systems ..... Article 62

Miriana Calvano (University of Bari Aldo Moro), Antonio Curci (University of Bari Aldo Moro, University of Pisa), Rosa Lanzilotti (University of Bari Aldo Moro), Antonio Piccinno (University of Bari Aldo Moro)

Fusing Gratitude Journaling and Citizen Science: A Youth-Centered Co-Design Framework for Mental Well-Beingand Data Literacy ..... Article 63

Tommaso Zambon Ph.D. (University of Bologna), Chiara Ceccarini Ph.D. (University of Bologna), Catia Prandi Ph.D. (University of Bologna)

Beyond Utility in Recommender Systems: Leveraging LLMs for Enhanced User Experiences..... Article 64

Bianca Maria Deconcini (University of Turin), Giulia Coucourde (University of Turin), Luca Console (University of Turin), Malek Anouti (Experientia SA), Giorgio Gaudio (Experientia SA), Michele Visciola (Experientia SA)

GenAI for Debiasing: Evaluating a Custom Chatbot as Reflective Partner in Sustainable Design Education ..... Article 65

Elena Cavallin (Scuola di Dottorato Iuav di Venezia)

Immersive Virtual Reality as a Clinical Tool for Managing Dental Phobia: A Pilot Study ..... Article 66

Luigia Rizzo (University of Salerno), Domenico Rossi (University of Salerno), Mafalda Ingenito (University of Salerno), Genoveffa Tortora (University of Salerno)

Immersive VR Concept Map Across Different Learning Contexts ..... Article 67

Mario Vallarino (University of Genoa), Ilaria Torre (University of Genoa), Grzegorz Mikulski (University of Genoa), Stefania Bocconi (ITD - CNR), Gloria Crea (ITD - CNR), Gianni Vercelli (University of Genoa)

Cyber Digital Twin to Improve Security Education: The RedTeam Knife Approach ..... Article 68

Vita Santa Barletta (University of Bari Aldo Moro), Danilo Caivano (University of Bari Aldo Moro), Christian Catalano (University of Bari Aldo Moro), Adriano Gentile (University of Bari Aldo Moro), Davide Pio Posa (University of Bari Aldo Moro), Antonio Piccinno (University of Bari Aldo Moro)

Towards Human-Centered RAG: A Study of AI-Supported Testing Practices in Italian Public Administration ..... Article 69

Lina Alrabie (Politecnico di Milano), Salvatore Andolina (Politecnico di Milano)

Evaluating the Gaps in Existing AI Ethics Frameworks for Children ..... Article 70

Grazia Ragone (University of Bari Aldo Moro), Sara Tibidò (IMT Scuola Alti Studi Lucca, University of Bari Aldo Moro), Paolo Buono (University of Bari Aldo Moro), Rosa Lanzilotti (University of Bari Aldo Moro), Azzurra Ragone (University of Bari Aldo Moro), Maria Teresa Baldassarre (University of Bari Aldo Moro)

Generating Half-Body Virtual Avatars of Teachers in E-learning Contexts ..... Article 71

Domenico Roberto (Università di Bari), Berardina Nadja De Carolis (Università di Bari)

Intelligent Mixed Reality Twins of Workplace Equipment for Training Individuals with Borderline Intellectual Functioning ..... Article 72

Telmo Zarraonandia (Universidad Carlos III de Madrid), Roberto Cuervo-Rosillo (Universidad Carlos III de Madrid), Alvaro Montero (Universixvii dad Carlos III de Madrid), Paloma Díaz (Universidad Carlos III de Madrid)

Enhancing Balance Through Multisensory Gaming: Evaluating Haptic and Auditory Cues for Rehabilitation ..... Article 73

Margaret Bowen (Università di Trento), Markel Benedicto Costa (Università di Trento), Andrea Lucia Reyes Burga (Università di Trento)

Communication and Team Performance Among Generation Z: A Study Using the VR Application 'Keep Talking and NobodyExplodes' ..... Article 74

Aleksandra Witoszek-Kubicka (Krakow University of Economics), Magdalena Chałupczak (Krakow University of Economics), Krzysztof Rudzinski (Krakow University of Economics), Magdalena Igraś-Cybulska (Interactive Crafts sp. z o.o.)

QRPATH: Evaluating QR Codes as an Alternative to Human Observation in Physical Space Wayfinding Studies ..... Article 75

Nema Ahmed (Qatar University), Wafa Elhag (University of Doha for Science and Technology), Huda Rafiq (Qatar University), Azma Mulundika (Hamad bin Khalifa University), André Schmid (Hamad Bin Khalifa University), Fatou Gueye (Carnegie Mellon University), Esra'a Sharqawi (Hamad bin Khalifa University), Soon-Gyo Jung (Hamad Bin Khalifa University), Joni Salminen (University of Vaasa), Bernard Jansen (Hamad Bin Khalifa University)

The Tussle Between Brain Waves and Hairstyles: A Case Study of Usability Challenges with an Entry-Level EEG Device for Female Participants ..... Article 76

Hind Almerekhi (Hamad Bin Khalifa University), Joni Salminen (University of Vaasa, Vaasa), Bernard Jansen (Hamad Bin Khalifa University)

The TERSICORE Project: A Virtual Rehabilitation Protocol Based on Creative and Social Games in the Metaverse ..... Article 77

Marta Pizzolante (Università Cattolica del Sacro Cuore), Ilaria Vergine (Università Cattolica del Sacro Cuore), Edoardo Palumbo (IRCCS Fondazione Don Carlo Gnocchi ONLUS), Sara Isernia (IRCCS Fondazione Don Carlo Gnocchi ONLUS), Irene Aprile (IRCCS Fondazione Don Carlo Gnocchi ONLUS), Marco Germanotta (IRCCS Fondazione Don Carlo Gnocchi ONLUS), Valeria Habib (IRCCS Fondazione Don Carlo Gnocchi ONLUS), Arianna Pavan (IRCCS Fondazione Don Carlo Gnocchi ONLUS), Antonio Cerasa (Italian National Research Council (CNR), S. Anna Institute), Francesca Baglio (IRCCS Fondazione Don Carlo Gnocchi ONLUS), Carlo Galimberti (Università Cattolica del Sacro Cuore), Andrea Gaggioli (Università Cattolica del Sacro Cuore)

SoundShaping: Combining Music-Making and Painting in Augmented Reality for Adults with Neurodevelopmental Conditions ..... Article 78

Valentin Bauer (IRCAM - CNRS - Sorbonne Université - Ministère de la), Mattia Gianotti (Politecnico di Milano), Franca Garzotto (Politecnico di Milano), Harry Foley (Politecnico di Milano)

Toward an Intelligible Vibrotactile Stimulation: A Gestalt-Based Perspective ..... Article 79

Garance Dubessy (Fédération ENAC ISAE-SUPAERO, DTIS, ICNA), Bruno Berberian (Fédération ENAC ISAE-SUPAERO, DTIS, ICNA), Sylvain Pauchet (Fédération ENAC ISAE-SUPAERO), Jean-Christophe Sarrazin (Fédération ENAC ISAE-SUPAERO, DTIS, ICNA), Dong-Bach Vo (Fédération ENAC ISAE-SUPAERO)

Evaluating Affordable Ultrasonic Sensors for Human-Plant Interaction ..... Article 80

Paolo Marcelli (Universidade de Lisboa), Daniel Simões Lopes (Universidade de Lisboa), Valentina Nisi (Universidade de Lisboa), Pedro Campos (ITI / LARSyS - Interactive Technologies Institute, Funchal and Wow!Systems), Simone Grasso (Università Campus Bio-Medico di Roma), Giorgio Pennazza (Università Campus Bio-Medico di Roma)

Pictorials

History-grounded Design Speculation as a Method for AI Impact Anticipation ..... Article 81

Maria Luce Lupetti (Politecnico di Torino), Serena Cangiano (SUPSI), Alice Mela (Arduino Education), Lenny Martinez (Sorbonne University), Elena Cavallin (IUAV), Juri Sanni (Politecnico di Torino), Andrea Di Salvo (Politecnico di Torino), Willem van der Maden (IT University of Copenhagen), Dave Murray-Rust (Delft University of Technology)

Designing Embodied Interactive Experiences on Environmental Issues ..... Article 82

Seçil Uğur Yavuz (Free University of Bozen-Bolzano), Maria Menendez-Blanco (Free University of Bozen-Bolzano), Alexandra Fruhstorfer (University of Applied Arts), Rocco Lorenzo Modugno (Free University of Bozen-Bolzano)

Blooming Beats: An Interactive Explainable Recommender System for Exploring Personal Music Narratives through Data Humanism Principles.....Article 83

Ibrahim Al-Hazwani (University of Zurich), Nimra Ahmed (University of Zurich), Anton Fedosov (University of Applied Sciences and Arts Northwestern Switzerland), Oliver Aschwanden (University of Zurich), Luca Huber (University of Zurich), Daniel Lutziger (University of Zurich), Carlos Kirchdorfer (University of Zurich), Jürgen Bernard (University of Zurich)

Visualizing the Ledger: Teaching Blockchain as Design Material.....Article 84

Paulo Bala (Technology and Innovation), Sabrina Scuri (Politecnico di Milano), Catia Prandi (University of Bologna), Nuno Jardim Nunes (University of Lisbon), Valentina Nisi (University of Lisbon)

Designing with an Assembly of Many: Eden X on Rivers, their Constituents and Rights.....Article 85

Joana Pestana (ITI/LARSyS, FBA, U. Porto), Mariana Pestana (ITI/LARSyS, Instituto Superior Técnico), Miguel Carvalhais (i2ADS, FBA, U. Porto), Nuno Jardim Nunes (ITI/LARSyS, Instituto Superior Técnico)

Posters

A Taxonomy for the Design of External Human-Machine Interfaces for Last-Mile Delivery Robots.....Article 86

Avishag Boker (University of Haifa), Joel Lanir (University of Haifa)

Can Personality Affect User Appreciation for Transparent User Models with Alternative Interface Styles?.....Article 87

Sofia Trucco (University of Turin), Fabiana Vernero (University of Turin)

Covert DEI Design Techniques for Earthly Survival in Hostile Contexts.....Article 88

Helena A. Haxvig (University of Trento), Pernille Bjørn (Copenhagen University), Vincenzo D'Andrea (University of Trento), Maurizio Teli (Aalborg University)

Designing Adaptive User Interfaces for People with Dementia: Findings from Participatory Research.....Article 89

Filippo Talami (Fraunhofer Portugal AICOS), Britt Pellens (LUCA School of Arts), Joana Couto Silva (Fraunhofer Portugal AICOS), Inês Silva (Fraunhofer Portugal AICOS), Ana Vasconcelos (Fraunhofer Portugal AICOS), Ricardo Graça (Fraunhofer Portugal AICOS), Prasoon Patidar (Carnegie Mellon University), Adriano Soares (Fraunhofer Portugal AICOS), Jilte Heyvaert (LUCA School of Arts), Andrea Wilkinson (LUCA School of Arts), Niels Hendriks (LUCA School of Arts), Mayank Goel (Carnegie Mellon University), Cristina Mendes-Santos (Fraunhofer Portugal AICOS)

In-Car Interface Design to Support Electric Taxi Drivers' Charging Decisions.....Article 90

Adam El Jabaoui (Chalmers University of Technology and University of Gothenburg), Sofia Sjöblad (Chalmers University of Technology and University of Gothenburg), Micaela Nilsson (Volvo Cars), Mohammad Obaid (Chalmers University of Technology and University of Gothenburg)

User-Centered Design for Emotional Well-being of Family Caregivers Helping Older People with Dementia: The Care-Ly Chatbot Interface ..... Article 91

Eleonora Clarizia (University of Milano-Bicocca), Frida Milella (University of Milano-Bicocca)

Interacting with a Green Smart Home Through its Digital Twin: A First-Person Experience ..... Article 92

Davide Guizzardi (University of Brescia), Daniela Fogli (University of Brescia)

Enabling Voice-based Direct Manipulation in Intent-oriented Interaction Paradigms ..... Article 93

Laura Colazzo (Politecnico di Milano), Maristella Matera (Politecnico di Milano)

BiasAlert: Supporting Bias Identification in Search Queries ..... Article 94

Parinaz Mellatdoust (Politecnico di Milano), Giulia Di Fede (Politecnico di Milano), Lina Alrabie (Politecnico di Milano), Cinzia Cappiello (Politecnico di Milano), Salvatore Andolina (Politecnico di Milano)

Camouflaged in Patterns: Designing Robust and User-Friendly CAPTCHA Challenges via Texture Blending ..... Article 95

Morteza Moradi (University of Catania), Mohammad Moradi (University of Catania), Simone Palazzo (University of Catania), Ali Borji (Quintic AI), Concetto Spampinato (University of Catania)

Assessing Meaning in Embodied Interactive Installations ..... Article 96

Maria Menendez-Blanco (Free University of Bozen-Bolzano), Niccolò Pretto (Free University of Bozen-Bolzano), Giulia Grillini (Free University of Bozen-Bolzano), Giuseppe Nicastro (Free University of Bozen-Bolzano), Francesca Condorelli (Free University of Bozen-Bolzano), Katharina Mischer (mischer traxler Studio), Thomas Traxler (mischer traxler Studio)

WOLB Wollelab – Exploring Human-Wool-Cobot Entanglements through Design ..... Article 97

Merve Bektaş (Free University of Bozen-Bolzano), Seçil Uğur Yavuz (Free University of Bozen-Bolzano), Matteo De Marchi (Free University of Bozen-Bolzano), Luca Gualtieri (Free University of Bozen-Bolzano)

A User-Centric System for Exploring Trend Correlations in Distributed Sensor Networks ..... Article 98

Pietro Battistoni (University of Salerno), Loredana Caruccio (University of Salerno), Seniz Ceylan (University of Salerno), Tullio Pizzuti (University of Salerno), Giuseppe Polese (University of Salerno), Monica Sebillo (University of Salerno)

Designing Human-Centered Code Completion Tools in the Age of Generative AI ..... Article 99

Giuseppe Desolda (University of Bari), Andrea Esposito (University of Bari), Francesco Greco (University of Bari), Cesare Tucci (University of Bari), Paolo Buono (University of Bari), Antonio Piccinno (University of Bari)

An EST-based Generic Event Boundary Detector ..... Article 100

Amir Arsalan Serajoddin Mirghaed (University of Genova), Nadia Benini (University of Trento), Gualtiero Volpe (University of Genova), Giovanna Varni (University of Trento)

Gaze and Stress-Based Evaluation of Pilot's Attention During Flight: A Preliminary Study .....Article 101

Sofia Marilina Glorioso (Università degli Studi di Enna "Kore"), Salvatore Sorce (Università degli Studi di Enna "Kore"), Antonio Esposito (Università degli Studi di Enna "Kore")

A Direct Manipulation Interface for LLM-based Process Modeling .....Article 102

Sergio Pardo Gutierrez (Politecnico di Milano), Lina Alrabie (Politecnico di Milano), Giulia Di Fede (Politecnico di Milano), Monica Vitali (Politecnico di Milano), Salvatore Andolina (Politecnico di Milano)

Automating Form Completion with Large Language Models .....Article 103

Alessandro Aiuti (Sapienza University of Rome), Stefano Zeppieri (Sapienza University of Rome), Alba Bisante (Sapienza University of Rome), Paola Altamura (Sapienza University of Rome), Venkata Srikanth Varma Datla (Sapienza University of Rome), Luca D'Elia (Sapienza University of Rome), Mariia Ershova (Sapienza University of Rome), Viktor Malakuczi (Sapienza University of Rome), Matteo Migliorelli (Sapienza University of Rome), Gabriele Rossini (Sapienza University of Rome), Carmen Rotondi (Sapienza University of Rome), Gabriella Trasciatti (Sapienza University of Rome), Lorenzo Imbesi (Sapienza University of Rome), Emanuele Panizzi (Sapienza University of Rome)

Ground your Statement in Data! A Hands-on Activity to Meet European University Alliances .....Article 104

Tiziano Citro (Università degli Studi di Salerno), Maria Angela Pellegrino (Università degli Studi di Salerno)

Rehabilitation Meets the Metaverse: Human-Centered Design Applied to TERSICORE XRM .....Article 105

Ilaria Vergine (Università Cattolica del Sacro Cuore), Marta Pizzolante (Università Cattolica del Sacro Cuore), Sara Isernia (IRCCS Fondazione Don Carlo Gnocchi ONLUS), Edoardo Palumbo (IRCCS Fondazione Don Carlo Gnocchi ONLUS), Irene Aprile (IRCCS Fondazione Don Carlo Gnocchi ONLUS Florence), Antonio Cerasa (Institute of BioImaging and Complex Biological Systems (IBSBC-CNR), S. Anna Institute, CNR), Francesca Baglio (IRCCS Fondazione Don Carlo Gnocchi ONLUS), Carlo Galimberti (Università Cattolica del Sacro Cuore), Andrea Gaggioli (Università Cattolica del Sacro Cuore)

Leveraging Digital Twins for Stress Detection in UX Context: A Combined Approach Using Physiological Data and Big-Five Personality Traits Scores .....Article 106

Alexandros Liapis (Hellenic Open University), Georgia Zournatzidou (University of Western Macedonia), Anna Triantafyllou (University of Western Macedonia), Alexandra Genni (MetaMind Innovations P.C.), Panagiotis Sarigiannidis (University of Western Macedonia)

Museart: A Refined Music-Image Dataset .....Article 107

Alfredo Baione (University of Salerno), Genoveffa Tortora (University of Salerno)

A Serious Game for Safety and Health Training in the Workplace .....Article 108

Barbara Rita Barricelli (Università degli Studi di Brescia), Federica Caffaro (Università degli Studi Roma Tre), Raffaele Cioffi (Università degli Studi di Torino), Daniela Fogli (Università di Brescia), Matteo Gremo (Università degli Studi Roma Tre), Margherita Micheletti Cremasco (Università degli Studi di Torino), Davide Morina (Università degli Studi di Brescia), Mentore Vaccari (Università degli Studi di Brescia)

Structuring the Collection of Unstructured Data: Designing Digital Interfaces for Healthcare Experiences.....Article 109

Ginevra Terenghi (University of Applied Sciences and Arts of Southern Switzerland (SUPSI), Brunel University of London), Antonella Autuori (University of Applied Sciences and Arts of Southern Switzerland (SUPSI), RMIT Melbourne), Serena Cangiano (University of Applied Sciences and Arts of Southern Switzerland (SUPSI)), Marco Lurati (University of Applied Sciences and Arts of Southern Switzerland (SUPSI))

Beyond Appearances: A Serious Game to Challenge Gender Stereotypes in STEM.....Article 110

Federico Paulesu (University of Milan Bicocca), Teresa Di Bella (University of Milan Bicocca), Antonio Buccoliero (Indipendent Researcher), Rossana Actis Grosso (University of Milan Bicocca)

Interactive Experiences

Advancing Boggle - Taking BCI Web-Browsing Out of the Lab.....Article 111

Daniel Calleja (University of Malta), Marie Buhagiar (University of Malta), Chris Porter (University of Malta), Tracey Camilleri (University of Malta), Kenneth Camilleri (University of Malta)

Experiencing Cactus - Browsing The Web Using Your Eyes .....Article 112

Marie Buhagiar (University of Malta), Daniel Calleja (University of Malta), Chris Porter (University of Malta)

BIAS 2v: An Interactive Conversational Agent for Sustainable Design Education .....Article 113

Elena Cavallin (Iuav)

Pixie: A Personal Robot for Elderly Assistance.....Article 114

Davide Lofrese (Università degli Studi di Bari Aldo Moro), Aurora Toma (Università degli Studi di Bari Aldo Moro), Giuseppe Palestra (Università degli Studi di Bari Aldo Moro), Berardina Nadja De Carolis (Università degli Studi di Bari Aldo Moro)

Workshops

EMpowering PAtients THrough AI, Multimedia, and Explainable HCI: Innovations in Personalized Healthcare (EMPATH-IA).....Article 115

Rita Francese (University of Salerno), Kawa Nazemi (University of Applied Sciences), Laura Desantis (University of Salerno), Mariacarla Staffa (Parthenope University), Felice Iasevoli (Federico II University)

A Multidisciplinary Approach to Plan ECOsystem SErvices for Cities in Transition.....Article 116

Carmelina Bevilacqua (Sapienza University of Rome), Giuliana Vitiello (Università degli Studi di Salerno), Monica Maria Lucia Sebillo (Università degli Studi di Salerno), Vincenzo Provenzano (Università degli Studi di Palermo), Poya Sohrabi (Sapienza University of Rome), Nourhan Hamdy (Sapienza University of Rome), Ferdinando Trapani (Università degli Studi di Palermo), Pasquale Pizzimenti (Università degli Studi di Reggio Calabria)

Workshop on Supporting CRIme reSolutionThrough Artificial INtelligence (CRISTAIN) - 1st Edition.....Article 117

Eleonora Calò (University of Salerno), Loredana Caruccio (University of Salerno), Autilia Vitiello (University of Naples Federico II)

Resilient AI Framework for Secure and Ethical Machine Learning Systems (RAISE) - 1st Edition.....Article 118

Bernardo Breve (University of Naples Federico II), Loredana Caruccio (University of Salerno), Giuseppe Polese (University of Salerno)

1st Workshop on Data Craft as Boundary AI Practice .....Article 119

Maria Luce Lupetti (Politecnico di Torino), Alessandro Ianniello (Delft University of Technology), Willem van der Maden (IT University of Copenhagen), Juri Sanni (Politecnico di Torino), Eric Tron Gianet (Politecnico di Torino), Minoru Matsui (Advanced Institute of Industrial Technology Tokyo), Dave Murray-Rust (Delft University of Technology)

COL-SAI: COllaboration and Learning through Symbiotic Artificial Intelligence .....Article 120

Miriana Calvano (University of Bari Aldo Moro), Antonio Curci (University of Bari Aldo Moro, University of Pisa), Andrea Antonio Cantone (University of Salerno), Francesca Perillo (University of Salerno)

The Feeling of Virtual: XR, Haptics, and 3D Graphics .....Article 121

Ignacio Aedo Cuevas (University Carlos III of Madrid), Ilaria Amaro (University of Salerno), Paola Barra (University of Naples Parthenope), Attilio Della Greca (University of Salerno), Augusto Tortora (University of Naples Federico II)

Smart-AM 2025: AI-Driven Innovations for Intelligent Additive Manufacturing in Design, Process Optimization and Quality Assurance.....Article 122

Fabiola De Marco (University of Salerno), Alessia Auriemma Citarella (University of Salerno), Alessia Serena Perna (University of Naples Federico II)

CHAMPIonS: Conversational Human-AI Methodologies for Performance In Sports .....Article 123

Silvio Barra (University of Naples, Federico II), Adriano Bacconi (Math and Sport)

LINFA: Linguistic & Informatic Insights on AI for Gender, Accessibility and Inclusivity.....Article 124

Daniela Vellutino (University of Salerno), Jacqueline Aiello (University of Salerno), Mafalda Ingenito (University of Salerno)

SIG on Participatory AI: Identifying Research Gaps and Building Community Infrastructure for Citizen-Centred AI.....Article 125

Kyle Montague (Northumbria University), Shaun Lawson (Northumbria University), Pam Briggs (Northumbria University), Valentina Nisi (Instituto Superior Tecnico), Nuno Jardim Nunes (Instituto Superior Tecnico), Hugo Nicolau (Instituto Superior Tecnico)