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Applications of Intelligent Systems

Proceedings of the 1st International APPIS Conference 2018

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Preface

This book contains scientific contributions presented at the 1st International Conference on Applications of Intelligent Systems, APPIS 2018, held at the Museo Elder in Las Palmas de Gran Canaria, Spain, on 10–12 January 2018.

The aim of APPIS 2018 was to bring together those scientists who develop intelligent computer systems and methods for machine learning, artificial intelligence, pattern recognition and related techniques with an emphasis on their application to various problems.

APPIS 2018 featured three plenary lectures by the invited speakers: Petia Radeva from the Universitat de Barcelona, Michael Biehl from the University of Groningen, and Theo Gevers from the University of Amsterdam.

We would like to thank the members of the International Technical Program Committee, who provided timely and thorough reviews of the submitted papers and guaranteed that only high-quality contributions were selected to be included in these proceedings. We would also thank the University of Groningen, the University of Las Palmas de Gran Canaria and the Gran Canaria Tourism Bureau for their sponsorship.

We are very grateful to the administration of the Museo Elder of Science and Technology, especially to the director Mr. José Gilberto Moreno García and Mrs. Arantxa Rodríguez Quintana for making this unique venue available for APPIS 2018, and also for their help with local arrangements.

September 2018

Nicolai Petkov
Nicola Strisciuglio
Carlos M. Travieso-González

(co-chairs of APPIS 2018 and co-editors of the proceedings)

Contents

Preface	v
<i>N. Petkov, N. Strisciuglio and C.M. Travieso-González</i>	
Predicting Slaughter Weight in Pigs with Regression Tree Ensembles	1
<i>A. Alshahaf, G. Azzopardi, B. Ducro, R.F. Veerkamp and N. Petkov</i>	
Person Identification with Retinal Fundus Biometric Analysis Using COSFIRE Filters	10
<i>A. Apap, L. Fernández-Robles and G. Azzopardi</i>	
Semi-Supervised Learning for Spanish Speech Recognition Using Deep Neural Networks	19
<i>B.R. Campomanes-Álvarez, P. Quirós and B. Fernández</i>	
Coefficient Thresholding in the Gradient Reconstruction Algorithm for Signals Sparse in the Hermite Transform Basis	30
<i>M. Brajović, S. Vujović, I. Orović and S. Stanković</i>	
Application of Super-Resolution Techniques to Transmission Electron Microscopy Images	42
<i>G. Bárcena-González, M.P. Guerrero-Lebrero, E. Guerrero, D.F. Reyes, B. Nuñez-Moraleda, M. Rivas-Sánchez, A. Yañez, D. González and P.L. Galindo</i>	
Distances Between Tensor Subspaces	50
<i>H. Itoh, A. Imiya and T. Sakai</i>	
Application of Directional Statistics to Classification of Three-Channel Colour Images	60
<i>K. Tanji, H. Itoh and A. Imiya</i>	
Detection of Globular Clusters in the Halo of Milky Way	70
<i>M. Mohammadi, N. Petkov, R.F. Peletier, P. Bibiloni and K. Bunte</i>	
Real-Time First Person Perspective Tracking and Feedback System for Weapon Practice Support in Fencing	79
<i>F. Malawski</i>	
Trimbot Cutting Tools and Manipulator	89
<i>J. Hemming, B. van Tuijl, T. Tielen, D. Kaljaca, J. IJsselmuiden, E. van Henten, A. Mencarelli and P. de Visser</i>	
Visual Search and Recognition for Robot Task Execution and Monitoring	94
<i>L. Mauro, F. Puja, S. Grazioso, V. Ntouskos, M. Sanzari, E. Alati, L. Freda and F. Pirri</i>	
Probabilistic Estimation of the Gas Source Location in Indoor Environments by Combining Gas and Wind Observations	110
<i>C. Sanchez-Garrido, J. Monroy and J. Gonzalez-Jimenez</i>	

Analysis of Data from the Industrial Machinery Within the Hot Rolling Process for Predictive Maintenance <i>J.R. Ruiz-Sarmiento, J. Monroy, F.A. Moreno, J.M. Bonelo and J. Gonzalez-Jimenez</i>	122
Toward the Generation of Smell Maps: Matching Electro-Chemical Sensor Information with Human Odor Perception <i>A. Gongora, D. Chaves, A. Jaenal, J. Monroy and J. Gonzalez-Jimenez</i>	134
The Four-Dimensional Instructional Design Approach in the Perspective of Human-Computer Interactions <i>M. Gawlik-Kobylińska</i>	146
Variational Method for Multiresolution Image Registration <i>K. Hosoya, R. Sasaki, K. Tanji, H. Itoh and A. Imiya</i>	157
Simulated Autonomous Driving on Realistic Road Networks Using Deep Reinforcement Learning <i>P. Klose and R. Mester</i>	169
Text Mining – A Key Lynchpin in the Investment Process: A Survey <i>A. Konstantinidis, B. Scalzo Dees, G.G. Calvi and D.P. Mandic</i>	181
Automatic Segmentation of Indoor and Outdoor Scenes from Visual Lifelogging <i>J. Buhagiar, N. Strisciuglio, N. Petkov and G. Azzopardi</i>	194
Towards Egocentric Person Re-Identification and Social Pattern Analysis <i>E. Talavera, A. Cola, N. Petkov and P. Radeva</i>	203
A User Model Ontology for Adaptive Systems in Cultural Tourism Domain <i>L. Pandolfo, L. Pulina and E. Grosso</i>	212
On Leveraging Facial Emotion Recognition Techniques in Personalized Recommendations <i>S. Khellat-Kihel, L. Pandolfo, L. Pulina and E. Grosso</i>	220
Ten Questions to Define Energy Intelligent Buildings <i>M. Aiello</i>	231
Low-Power Appliance Recognition Using Recurrent Neural Networks <i>A.R. Pratama, F.J. Simanjuntak, A. Lazovik and M. Aiello</i>	239
Neuro-Immune Algorithm for Embedded Real-Time Control System in Transport Safety Tasks <i>L. Ribickis, M. Gorobetz and A. Levchenkov</i>	251
Internet of Things, Blockchain and Intelligent Systems: The Primary Role of Data Protection <i>N. Fabiano</i>	266
Visualising the Topological Structure of Health-Related Message Board User Networks <i>M. Abdollahyan, R.J. Mondragón, C. Bessant and F. Smeraldi</i>	274

Machine Learning Based Analysis of FDG-PET Image Data for the Diagnosis of Neurodegenerative Diseases	280
<i>R. van Veen, L. Talavera Martinez, R.V. Kogan, S.K. Meles, D. Mudali, J.B.T.M. Roerdink, F. Massa, M. Grazzini, J.A. Obeso, M.C. Rodríguez-Oroz, K.L. Leenders, R.J. Renken, J.J.G. de Vries and M. Biehl</i>	
Optical Flow Group-Parameter Reconstruction from Multi-Channel Image Sequences	290
<i>S. Kalitzin, E. Geertsema and G. Petkov</i>	
Scale-Iterative Optical Flow Reconstruction from Multi-Channel Image Sequences	302
<i>S. Kalitzin, E. Geertsema and G. Petkov</i>	
Exploring Different Normalization and Classification Approaches for Mammography Analysis with CNNs	315
<i>A.C. Perre, L.A. Alexandre and L.C. Freire</i>	
Computational Model Exploration of Stimulation Based Paradigm for Detection of Epileptic Systems	324
<i>G. Petkov, S. Kalitzin, M. Demuru, G. Widman, P. Suffczynski and F. Lopes da Silva</i>	
Adaptive Threshold Based Automated Identification of Severity of Diabetic Macular Edema from Retinal Images	336
<i>V. Gupta, N. Sengar, M.K. Dutta and C.M. Travieso-González</i>	
An Imaging Algorithm for Rotation Invariant Automated Macula Localization in Digital Fundus Images	345
<i>S. Bhattacharya, J. Sehgal, N. Sengar, M.K. Dutta and C.M. Travieso-González</i>	
Subject Index	353
Author Index	355