



## AI\*IA 2017

16th International Conference of the Italian Association for Artificial Intelligence  
Bari, November 14-17, 2017

### MAIN TRACK: SESSION 1

Wednesday Nov. 15, 2017 (from 12.00 to 13.00)

1. Cataldo Musto, Pasquale Lops, Marco De Gemmis and Giovanni Semeraro. Feeding a Hybrid Recommendation Framework with Linked Open Data and Graph-based Features
2. Nicola Di Mauro, Floriana Esposito, Fabrizio Giuseppe Ventola and Antonio Vergari. Alternative variable splitting methods to learn Sum-Product Networks
3. Claudio Greco, Alessandro Suglia, Pierpaolo Basile and Giovanni Semeraro. Converse-Et-Impera: Exploiting Deep Learning and Hierarchical Reinforcement Learning for Conversational Recommender Systems
4. Mario Alviano, Carmine Dodaro and Marco Maratea. An Advanced Answer Set Programming Encoding for Nurse Scheduling
5. Zhanhao Xiao, Andreas Herzig, Laurent Perrussel and Dongmo Zhang. Deciding Refinement Relation in Belief-Intention Databases
6. Mauro Vallati, Lukas Chrpka and Ivan Serina. On the Evolution of Planner-Specific Macro Sets
7. Emanuele Di Rosa and Alberto Durante. Evaluating Industrial and Research Sentiment Analysis Engines on Multiple Sources
8. Paolo Piredda, Battista Biggio, Davide Ariu, Iginio Corona, Luca Piras, Giorgio Giacinto and Fabio Roli. Deepsquatting: Learning-based Typosquatting Detection at Deeper Domain Levels
9. Stefano Ferilli, Andrea Pazienza, Sergio Angelastro and Alessandro Suglia. A Similarity-based Abstract Argumentation Approach to Extractive Text Summarization
10. Allegra De Filippo, Michele Lombardi and Michela Milano. Robust Optimization for Virtual Power Plants
11. Amedeo Cesta, Gabriella Cortellessa, Riccardo De Benedictis and Francesca Fracasso. A Tool for Managing Older Adults Volunteering Activities in Small Organizations
12. Stefania Bandini, Luca Crociani, Claudio Feliciani, Andrea Gorrini and Giuseppe Vizzari. Collision Avoidance Dynamics among Heterogeneous Agents: The Case of Pedestrian/Vehicle Interactions
13. Alessio Capitanelli, Marco Maratea, Fulvio Mastrogiovanni and Mauro Vallati. Automated Planning Techniques for Robot Manipulation Tasks Involving Articulated Objects
14. Giancarlo Guizzardi and Daniele Porello. Towards a Cognitive Semantics of Types
15. Annalisa Appice, Sonja Praviilovic, Donato Malerba and Antonietta Lanza. Sampling Training Data for Accurate Hyperspectral Image Classification via Tree-based Spatial Clustering
16. Matteo Baldoni, Cristina Baroglio, Katherine M. May, Roberto Micalizio and Stefano Tedeschi. Supporting Organizational Accountability inside Multiagent Systems
17. Luigi Portinale and Giorgio Leonardi. Applying Machine Learning to High-Quality Wine Identification
18. Weronika T. Adrian, Nicola Leone, Marco Manna and Cinzia Marte. Document Layout Analysis for Semantic Information Extraction
19. Bernardo Cuteri, Alessandro Francesco De Rosis and Francesco Ricca. Ip2cpp: a tool for compiling stratified logic programs