

List of accepted oral presentations at RAAI 2019

- 1. Data-Driven Scientific Disciplines Detection Based on Wikipedia**
Ana Gjorgjevikj (University Skopje), Kostadin Mishev (FINKI) and Dimitar Trajanov (FINKI)
- 2. Universal Dependencies meet Machine Learning: A Simple Approach on the Case Study of Irony Detection**
Alessandra Teresa Cignarella (Universitat Politecnica de Valencia)
- 3. Prediction Uncertainty Estimation for Hate Speech Classification**
Kristian Miok (West University of Timisoara), Dong Nguyen-Doan (West University of Timisoara), Blaz Skrlj (Jozef Stefan Institute) , Daniela Zaharie (West University of Timisoara) and Marko Robnik-Sikonja (University of Ljubljana)
- 4. Surface realization using Interpreted Regular Tree Grammars**
Evelin Ács (Budapest University of Technology and Economics) and Gabor Recski (Apollo.AI)
- 5. Using Sequence to Sequence Neural Networks for Solving Similar Mathematical Problems,**
Ali Davody (Romanian Institute of Science and Technology) and Mihai Sebastian Baba (Romanian Institute of Science and Technology)
- 6. EMG based prediction of upper-limb intention of motion using a combination of non-linear auto-regressive models**
Tassos Natsakis (Technical University of Cluj-Napoca) and Lucian Busoniu (Technical University of Cluj-Napoca)
- 7. Uplifting Contextual Multi-armed Bandits**
Jeroen Berrevoets (Vrije Universiteit Brussel), Sam Verboven (Vrije Universiteit Brussel) and Wouter Verbeke (Vrije Universiteit Brussel)
- 8. GFPNet. Neural network based volumetric object reconstruction using generic fitted primitives**
Tiberiu Teodor Cocias (Transilvania University of Brasov), Sorin Mihai Grigorescu (Transilvania University of Brasov) and Alexandru Razvant (Transilvania University of Brasov)
- 9. Emotion Analysis: Tasks, Data, Methods**
Laura Ana Maria Bostan (University of Stuttgart) and Roman Klinger (University of Stuttgart)

All authors with oral presentation are encouraged to present their work also in the Poster Session.

List of accepted posters at RAAI 2019

- 1. Deep Multi-Agent Reinforcement for Complex Swarm Dynamics**
Robert Tjarko Lange (Einstein Center for Neurosciences Berlin)
- 2. Gray Level Image Threshold Using Neutrosophic Shannon Entropy**
Vasile Patrascu (Valahia University of Targoviste)
- 3. Accurate Image Super-Resolution Using Very Deep Convolutional Networks**
Andrei Manolache (University of Bucharest)
- 4. HybridAlpha,**
Otniel Bogdan Mercea (Politehnica University of Timisoara)
- 5. Artistic Style Transfer**
Ionut Calofir (University of Bucharest)
- 6. Improving Neural Conversational Models with Entropy-Based Data Filtering**
Richard Csaky (Budapest University of Technology and Economics) , Patrik Purgai (Budapest University of Technology and Economics) and Gabor Recski (Apollo.AI)
- 7. RetinaGAN: Retinal Image Synthesis with GAN**
Hazrat Ali (University Islamabad)
- 8. Capsule-Net for Urdu Digits Recognition**
Hazrat Ali (University Islamabad)
- 9. Political Orientation in Online Communication: Building Predictive and Generative Models trained on EU Parliament Groups' tweets**
Adrian Claudiu Covaci (University of Bucharest)
- 10. Convolutional Variational Autoencoders for Audio Feature Representation in Speech Recognition Systems**
Olga Yakovenko (Novosibirsk State University) and Ivan Bondarenko (Moscow Institute of Physics and Technology)
- 11. Nepal Stock Exchange Prediction Using MLR, SVR and Neural Network**
Tej Bahadur Shahi (Tribhuvan University)
- 12. Satisfiability and Optimization for Verified Deep Learning**
Madalina Erascu (Institute e-Austria and West University of Timisoara) and Flavia Micota (West University of Timisoara)
- 13. Deep Frankenstein: Dissecting and Sewing Artificial Neural Networks**
Piotr Migdał (p.migdal.pl) , Joanna Stachera (University of Warsaw) and Katarzyna Kańska (University of Warsaw)

14. Hierarchical Segmentation of Graphical Interfaces for Document Object Model Reconstruction

Cătălin F. Perțicaș (Romanian Institute of Science and Technology), Mihai S. Baba (Romanian Institute of Science and Technology), Homa Davoudi (Romanian Institute of Science and Technology) and Răzvan Valentin Florian (Romanian Institute of Science and Technology)

15. Immune-Inspired Neural Committee Search

Luc Frachon (University of Aberdeen), Wei Pang (University of Aberdeen) and George M. Coghill (University of Aberdeen)

16. Deep Learning Based Predictive Analytics of Laser-Plasma Interaction Scenarios,

Andreea Mihailescu (National Institute for Lasers, Plasma, and Radiation Physics)