agenda PICACSA2022

MONDAY, 23th May 2022

15:10 – 15:15 Opening *Chair: Zoran Bosnić*

15:15 – 15:50 [Bioinformatics, Natural Language Proc., Computer Vision] *Session Chair: Marko Zeman*

- JAKA KOKOŠAR. *Visual Analytics for Survival Analysis and Biomarker Discovery*
- ARNAUD GUCCIARDI. *Neural Networks application for biomedicine: Ensemble and Representation learning*
- MATEJ KLEMEN. *Extracting and filtering paraphrases by bridging natural language inference and paraphrasing*
- ALEŠ ŽAGAR. *Improving commonsense reasoning and coreference resolution in morphologically rich languages using knowledge-enhanced deep neural networks*
- LOJZE ŽUST. *Using Temporal Context for Robust Maritime Obstacle Detection*

15:50 – 16:00 [Coffee Break]

16:00 – 16:35 [Machine learning and AI applications] *Session Chair: Lojze Žust*

- MARKO RUS. *HIDRA 2.0: Deep-learning-based Sea-level Forecasting in the Northern Adriatic*
- MARKO ZEMAN. *Continual learning with superposition in transformers*
- PETER MLAKAR. *Post processing of medium range weather forecasts using copulas and normalizing flows*
- ŽIGA PIRNAR. *Characterization and separation of preterm and term spontaneous, induced, and cesarean electrohysterographic records*
- MARTA MALAVOLTA. *Early detection of motor and cognitive impairment in premature children*

16:35 – 17:00 [Lunch Break]

17:00 – 17:35 [Computation and Modeling] *Session Chair: Davor Hafnar*

- AJDA LAMPE. *Generative Modelling for Virtual Try-On*
- TIMOTEJ KNEZ. *Multi-task learning for automatic event-centric temporal knowledge graph construction*
- BENJAMIN FELE. *Towards Measuring of Exploration as a Curriculum Generation Criteria in Motor Learning*
- LIDIJA STANOVNIK. *Computing the size of maximum non-overlapping codes*
- TIM OBLAK. *Fingermark Quality Assessment with Deep Learning Ensembles*

17:35 – 17:45 [Coffee Break]

17:45 – 18:15 [Communication and security, gaming and user engagement] *Session Chair: Lidija Stanovnik*

- ANDRAŽ KRAŠOVEC. *Effect of Cognitive Load on Behavioural Patterns of Individuals*
- KLEVIS SHKEMBI. *Semantic Reasoning in Smart Contracts for Decentralized Oracles*
- ANDREA DE GOBBIS. *Eye-tracking test batteries for detecting and monitoring neurodevelopmental impairment*
- DAVOR HAFNAR. *One game fits all: ML empowered personalized content generation in mobile games*

18:15 – 19:30 [ROUND – TABLE] *Chair: Zoran Bosnić*

- PICACSA2022 BEST PAPER AWARD
- FREE DISCUSSION ON SEMINAR 2/4