9:15 Keynote: Spatial and Temporal Reasoning with LLMs for Natural Language Comprehension and Grounding

Parisa Kordjamshidi (Michigan State University, USA)

10:30

Coffee & Tea Break

11:00 Invited Paper: Scalable Coupling of Deep Learning with Logical Reasoning

Marianne Defresne (University of Toulouse, France + Toulouse Biotechnology Institute, France)

Sophie Barbe (Toulouse Biotechnology Institute, France)

Thomas Schiex (University of Toulouse, France)

11:15 Invited Paper: Ranking Information in Knowledge Bases: A Principle-Driven Framework

Badran Raddaoui (Telecom SudParis, France) Christian Straßer (Ruhr University Bochum, Germany) Said Jabbour (University of Artois, France)

Geographical Cellular Traffic Prediction with Multivariate Spatio-Temporal Modeling

ChungYi Lin (National Taiwan University, Taiwan + Chunghwa Telecom laboratories, Taiwan) Shen-Lung Tung (Chunghwa Telecom laboratories, Taiwan) Winston H. Hsu (National Taiwan University, Taiwan)

12:00 Geospatial Prediction Using Road Topology: A Graph-based Perspective

Yameng Guo (Ghent University, Belgium) Seppe vanden Broucke (Ghent University, Belgium + KU Leuven, Belgium)

12:30

Lunch Break

14:00 Keynote: Advancing Efficient Large-Scale Constraint Optimization Problem Solving by Integrating Machine Learning and Automated Reasoning

Shufeng Kong (Sun Yat-sen University, Guangzhou, China + Cornell University, USA)

Dual-Phase Models for Extracting Information and Symbolic Reasoning: A Case-Study in Spatial Reasoning

Roshanak Mirzaee (Michigan State University, USA) Parisa Kordjamshidi (Michigan State University, USA)

15:30

Coffee & Tea Break

16:00 An Evolutionary Geospatial Regression Tree

Margot Geerts (KU Leuven, Belgium) Seppe vanden Broucke (Ghent University, Belgium + KU Leuven, Belgium) Jochen De Weerdt (KU Leuven, Belgium)

Listening Style-Aware Dyadic Facial Motion Generation

Gourav Datta (University of Southern California, Los Angeles, USA)
Boshi Huang (Amazon Alexa Al, Sunnyvale, USA)
Nitesh Sekhar (Amazon Alexa Al, Sunnyvale, USA)
Vivek Yadav (Amazon Alexa Al, Sunnyvale, USA)
Shih-Yao Lin (Amazon Alexa Al, Sunnyvale, USA)
Ayush Jaiswal (Amazon Alexa Al, Sunnyvale, USA)
Prateek Singhal (Amazon Alexa Al, Sunnyvale, USA)

On Neuro-Symbolic Challenges in Directional Relation Prediction

Junjie Peng (Southwest Jiaotong University, China) Michael Sioutis (University of Montpellier, France) Zhiguo Long (Southwest Jiaotong University, China)

17:15

Joint Discussion and Final Remarks