

Thursday February 27	Title	Authors
Morning	Fragility, robustness and antifragility in deep learning	Chandresh Pravin; Ivan Martino; Giuseppe Nicosia; Varun Ojha
9:30-10:45am	Pre-training and diagnosing knowledge base completion models	Vid Kocijan; Myeongjun Jang; Thomas Lukasiewicz
Chair: Bren Venable	Knowledge-driven profile dynamics	Eduardo Fermé; Marco Garapa; Maurício D.L. Reis; Yuri Almeida; Teresa Paulino; Mariana Rodrigues
Morning	The AI Race: Why Current Neural Network-based Architectures are a Poor Basis for Artificial General Intelligence	Jérémie Sublime
11:15am-12:30pm	condENSE: Conditional Density Estimation for Time Series Anomaly Detection	Alex Moore; Davide Morelli
Chair: Shivam Goel	Exploiting Contextual Target Attributes for Target Sentiment Classification	Bowen Xing; Ivor W. Tsang
	Information Lattice Learning	Haizi Yu; James A. Evans; Lav R. Varshney
Afternoon	A neurosymbolic cognitive architecture framework for handling novelties in open worlds	Shivam Goel, Panagiotis Lymperopoulos, Ravenna Thielstrom, Evan Krause, Patrick Feeney, Pierrick Lorang, Sarah Schneider, Yichen Wei, Eric Kildebeck, Stephen Goss, Michael C. Hughes, Liping Liu, Jivko Sinapov, Matthias Scheutz
2:30-3:45pm	Is it possible to find the single nearest neighbor of a query in high dimensions?	Kai Ming Ting; Takashi Washio; Ye Zhu; Yang Xu; Kaifeng Zhang
Chair: Lisebeth Allein	Experimental Design of Extractive Question-Answering Systems: Influence of Error	Amer Farea; Frank Emmert-Streib*
	Interpretation modeling: Social grounding of sentences by reasoning over their implicit moral judgments	Liesbeth Allein; Maria Mihaela Truşcă; Marie-Francine Moens
Afternoon	Language-Models-as-a-Service: : Overview of a New Paradigm and its Challenges	Emanuele La Malfa; Aleksandar Petrov; Simon Frieder; Christoph Weinhuber; Ryan Burnell; Raza Nazar; Anthony Cohn; Nigel Shadbolt; Michael Wooldridge
4:15-5:30pm	A Scoping Study on AI Affordances in Early Childhood Education: Mapping the Global Landscape, Identifying Research Gaps, and Charting Future Research Directions	Jennifer J. Chen
Chair: Zezhen He	Understanding What Affects the Generalization Gap in Visual Reinforcement Learning: Theory and Empirical Evidence	Jiafei Lyu; Le Wan; Xiu Li; Zongqing Lu

	Visualizing the Implicit Model Selection Tradeoff	Zezen He; Yaron Shaposhnik
Friday February 28	Towards Robust Offline-to-Online Reinforcement Learning via Uncertainty and Smoothness	Xiaoyu Wen; Xudong Yu; Rui Yang; Haoyuan Chen; Chenjia Bai; Zhen Wang
Morning	Language-Models-as-a-Service: Overview of a New Paradigm and its Challenges	Emanuele La Malfa, Aleksandar Petrov, Simon Frieder, Christoph Weinhuber, Ryan Burnell, Raza Nazar, Anthony Cohn, Nigel Shadbolt and Michael Wooldridge
9:30-10:45am	Learning Logic Specifications for Policy Guidance in POMDPs: an Inductive Logic Programming Approach	Daniele Meli, Alberto Castellini and Alessandro Farinelli
Chair: Daniele Meli	A Domain-Independent Agent Architecture for Adaptive Operation in Evolving Open Worlds	Shiwali Mohan, Wiktor Piotrowski, Roni Stern, Sachin Grover, Sookyung Kim, Jacob Le, Johan de Kleer and Yoni Sher
Morning	From Understanding Genetic Drift to a Smart-Restart Mechanism for Estimation-of-Distribution Algorithms (Journal Track)	Weijie Zheng and Benjamin Doerr
11:15am-12:30pm	(1+1) genetic programming with functionally complete instruction sets can evolve Boolean conjunctions and disjunctions with arbitrarily small error	Benjamin Doerr, Andrei Lissovoi and Pietro S Oliveto
Chair: Maxwell Jacobson	Integrating Symbolic Reasoning into Neural Generative Models for Design Generation	Maxwell Jacobson and Yexiang Xue