

Time	Session	Titel	Authors
9:00 9:10	Session 1	Opening Remarks	
9:10 9:30		A Formal Analysis of Hierarchical Planning with Multi-Level Abstraction	Michael Staud
9:30 9:50		Texas Hold'em Meets Risk-Aware HTN Planning: A Modelling and Architectural Perspective	Ebaa Alnazer, Ilche Georgievski and Marco Aiello
9:50 10:10		FlyAI: A Unified NLP and Computer Vision Framework for Autonomous Drone Mission Programming	Gilda Manfredi, Nicola Capece, Ugo Erra and Michele Rinaldi
10:10 10:30		GenPlanX. Integrating LLMs and Classical AI for Generation of Plans and Execution	Daniel Borrajo, Giuseppe Canonaco, Tomas De La Rosa, Alfredo Garrachón, Sriram Gopalakrishnan, Simerjot Kaur, Marianela Morales, Sunandita Patra, Alberto Pozanco, Keshav Ramani, Charese Smiley, Pietro Totis and Manuela Veloso
10:30 11:00		Coffee Break	
11:00 11:20	Session 2	Guiding Reinforcement Learning with Selective Vision-Language Model Supervision	Matteo Merler, Giovanni Bonetta and Bernardo Magnini
11:20 11:40		Using Gradient-based Optimization for Planning with Deep Q-Networks in Parametrized Action Spaces	Jonas Ehrhardt, Johannes Schmidt, René Heesch and Oliver Niggemann
11:40 12:00		Learning Heuristic Functions with Graph Neural Networks for Numeric Planning	Valerio Borelli, Alfonso Emilio Gerevini, Enrico Scala and Ivan Serina
12:00 12:20		Learning Sound and Complete Preconditions in Complex Real-World Domains	René Heesch, Björn Ludwig, Jonas Ehrhardt, Alexander Diedrich and Oliver Niggemann
12:30 14:00		Lunch Break	
14:00 15:10	Session 3	Keynote	Florent Teichteil-Koenigsbuch (Airbus AI Research)
15:10 15:30		Anomaly? We've got your back: A Bayesian Approach to Anomaly Handling through Task and Motion Planning	Yazz Warsame and Masoumeh Mansouri
15:30 16:00		Coffee Break	
16:00 16:20	Session 4	An Energy-Aware Double-Flexible Job Shop Scheduling for an Industrial Real-World Application with Constraint Programming	Francesco Zuccato, Patrick Rodler, Gerhard Friedrich, Konstantin Schekotihin and Richard Comploi-Taupe
16:20 16:40		AI-based simulation surrogates for planning rainfall-induced landslide mitigation	Michele Baldassini, Francesco Pistolesi, Ignacio Giomi, Evelina Volpe and Eisabetta Cattoni
16:40 17:00		Automated Planning for Optimal Data Pipeline Instantiation	Leonardo Rosa Amado, Adriano Vogel, Dalvan Griebler, Gabriel Paludo Licks, Eric Simon and Felipe Meneguzzi
17:00 17:30		Panel Discussion on Challenges of AI Planning in Real-World Planning Domains	