SUNDAY (July 9, 2023)		
08:00-09:00	Registration (N3)	
09:00-10:30	**Workshop PRL (T1)**	
	Opening Remarks	
	Value Function Learning via Prolonged Backward Heuristic Search	Zlatan Ajanovic, Bakir Lacevic, Jens Kober
	Learning General Policies with Policy Gradient Methods	Simon Ståhlberg, Blai Bonet, Hector Geffner
	Learning Hierarchical Policies by Iteratively Reducing the Width of Sketch Rules	Dominik Drexler, Jendrik Seipp, Hector Geffner
	Towards a Unified Framework for Sequential Decision Making	Carlos Núñez-Molina, Pablo Mesejo, Juan Fernández-Olivares
09:00-10:30	**Workshop SPARK (N2)**	
	Opening Remarks	
	Modelling the Spread of COVID-19 in Indoor Spaces using Automated Probabilistic Planning	Mohamed Harmanani
	PARIS: Planning Algorithms for Reconfiguring Independent Sets	Remo Christen, Salomé Eriksson, Michael Katz, Christian Muise, Alice Petrov, Florian Pommerening, Jendrik Seipp, Silvan Sievers and David Speck
	Planning for Proofs	Alice Petrov and Christian Muise
09:00-10:30	**Tutorial Complexity (N6)**	
	How hard can it be? The computational complexity of planning	Nicola Gigante
10:30-11:00	COFFEE BREAK (foyer - ground floor)	
11:00-12:20	**Workshop PRL (T1)**	
	pyRDDLGym: From RDDL to Gym Environments	Ayal Taitler, Michael Gimelfarb, Jihwan Jeong, Sriram Gopalakrishnan, Martin Mladenov, Xiaotian Liu, Scott Sanner
	Inapplicable Actions Learning for Knowledge Transfer in Reinforcement Learning	Leo Ardon, Alberto Pozanco, Daniel Borrajo, Sumitra Ganesh
	Multi-Agent Reinforcement Learning with Epistemic Priors	Thayne T. Walker, Jaime S. Ide, Minkyu Choi, Michael John Guarino, Kevin Alcedo
	Mind the Uncertainty: Risk-Aware and Actively Exploring Model-Based Reinforcement Learning	Marin Vlastelica, Sebastian Blaes, Cristina Pinneri, Georg Martius
11:00-12:30	**Workshop SPARK (N2)**	
	Panel: Challenges and Opportunities in AI Planning and Scheduling in applications	
11:00-12:20	**Workshop KEPS (T2)**	

	Opening Remarks	
	Taming Discretised PDDL+ through Multiple Discretisations	Matteo Cardellini, Marco Maratea, Francesco Percassi, Enrico Scala and Mauro Vallati
	Planning with Qualitative Action-Trajectory Constraints in PDDL	Luigi Bonassi, Alfonso Emilio Gerevini and Enrico Scala
	Scheduling Problems in PDDL	Jan Dolejsi, Derek Long and Michal Stolba
	PDSim: Planning Domain Simulation and Animation with the Unity Game Engine	Emanuele De Pellegrin and Ron Petrick
	Challenges in Modelling and Solving Plotting with PDDL	Joan Espasa Arxer, Ian Miguel, Peter Nightingale, Mateu Villaret and András Z. Salamon
11:00-12:30	**Tutorial Complexity (N6)**	
	How hard can it be? The computational complexity of planning	Nicola Gigante
12:30-14:00	LUNCH (foyer - 1. floor)	
13:40-15:30	**Workshop PRL (T1)**	
	Keynote: Building Taskable RL Agents using Advice, Instructions, and AI Planning	**Sheila McIlraith**
	Panel: Sequential decision making in the era of large language models	
14:15-15:30	**Workshop SPARK (N2)**	
	Supporting Decision-Making for City Management through Automated Planning and Execution	Riccardo De Benedictis, Gloria Beraldo, Amedeo Cesta and Gabriella Cortellessa
	Using Planning to Construct Code Reuse Attacks in Obfuscated Programs	Naiqian Zhang, Daroc Alden, Dongpeng Xu, Shuai Wang, Trent Jaeger and Wheeler Ruml
	Towards Rolling Stock Preventive Maintenance Scheduling - Short-term Scheduling Optimisation	Hassna Louadah, Thomas Leo McCluskey, Gareth Tucker and Emmanouil Papadakis
14:00-15:30	**Workshop KEPS (T2)**	
	Partial Grounding in Planning using Small Language Models	Felipe Areces, Benjamin Ocampo, Carlos Areces, Martin Dominguez and Daniel Gnad
	Exploring the Limitations of using Large Language Models to Fix Planning Tasks	Alba Gragera and Alberto Pozanco
	Learning to Act for Perceiving in Partially Unknown Environments	Leonardo Lamanna, Mohamadreza Faridghasemnia, Alfonso Emilio Gerevini, Alessandro Saetti, Alessandro Saffiotti, Luciano Serafini and Paolo Traverso

	Extracting planning domains from execution traces: a progress report	Simona Gugliermo, Erik Schaffernicht, Christos Koniaris and Alessandro Saffiotti
	Autonomous Capability Assessment of Black-Box Sequential Decision-Making Systems	Pulkit Verma, Rushang Karia and Siddharth Srivastava
14:00-15:30	**Workshop IntEx (N4)**	
	Opening Remarks	
	Keynote: Dynamic Targeting to Improve	Steve Chien and Alberto Candela
	A Health-Aware Framework for Online Replanning of Unmanned Aerial Vehicles Missions under Faulty Conditions	Simon Ståhlberg, Blai Bonet, Hector Geffner
	Enhancing Operational Deliberation in a Refinement Acting Engine with Continuous Planning	Jérémy Turi, Arthur Bit-Monnot and Félix Ingrand
14:00-15:30	**Workshop FinPlan (N5)**	
	Opening Remarks	
	Predicting Customer Goals in Financial Institution Services: A Data-Driven LSTM Approach	Andrew Estornell, Stylianos Loukas Vasileiou, William Yeoh, Daniel Borrajo, Rui Silva
	Value Detection Rate: A Performance Metric for Payments Fraud Detection	Danial Dervovic, Saeid Amiri, Michael Cashmore
	Deep Reinforcement Learning for Optimal Portfolio Allocation: A Comparative Study with Mean-Variance Optimization	Srijan Sood, Kassiani Papasotiriou, Marius Vaiciulis, Tucker Balch
	Surrogate Assisted Monte Carlo Tree Search in Combinatorial Optimization	Saeid Amiri, Parisa Zehtabi, Danial Dervovic, Michael Cashmore
	Panel: Potential and Challenges for Planning, Reasoning, Learning and Optimization Techniques in Finance	
14:00-15:30	**Tutorial Unified Planning (N6)**	
	Unified Planning: A Python Library Making Planning Technology Accessible	Andrea Micheli, Arthur Bit-Monnot, Gabriele Röger, Sebastian Stock
14:00-15:30	**Tutorial Temporal Networks (N7)**	
	Recent Advances in Temporal Networks for Planning and Scheduling	Luke Hunsberger
15:30-16:00	COFFEE BREAK (foyer - ground floor)	
16:00-18:00	**Workshop PRL (T1)**	
	Closing remarks	
	Poster Session	
16:00-17:00	**Workshop SPARK (N2)**	
	Discussion and Closing remarks	
16:00-17:15	**Workshop KEPS (T2)**	
	Towards a Framework for Intelligent Urban Traffic Routing	Matyas Svadlenka and Lukas Chrpa

	First Steps Towards Planning for Targeted Medicine	Lee-Or Alon, Hana Weitman and Gal Kaminka
	A Good Snowman is Hard to Plan	Miquel Bofill, Cristina Borralleras, Joan Espasa Arxer, Gerard Martin Teixidor, Gustavo A. Patow and Mateu Villaret
	Computing Minimal Unsolvable and Maximal Solvable Abstractions of Planning Problems via Hitting Set Trees	Michael Welt, Birte Glimm and Milene Santos-Teixeira
	Closing remarks	
16:00-17:05	**Workshop IntEx (N4)**	
	Integrating Planning, Diagnosis, and Execution for Vehicle Systems Management	Jeremy Frank, Gordon Aaseng, Minh Do, Chuck Fry, and Adam Sweet
	CLAPLEX A Control Language and Architecture for Planning and Execution	Annita Vapsi, Daniel Borrajo and Manuela Veloso
	The Generalizability of FOND Solutions in Uncertain Environments	Victoria Jane Armstrong and Christian Muise
	Discussion and Closing remarks	
16:00-17:35	**Workshop FinPlan (N5)**	
	FinRDDL: Can AI Planning be used for Quantitative Finance Problems?	Sunandita Patra, Mahmoud Mahfouz, Sriram Gopalakrishnan, Daniele Magazzeni, Manuela Veloso
	Accelerating Benders Decomposition via RL Surrogate Models	Kyle Mana, Stephen Mak, Parisa Zehtabi, Michael Cashmore, Daniele Magazzeni, Manuela Veloso
	Can LLMs be Good Financial Advisors?: An Initial Study in Personal Decision Making for Optimized Outcomes	Kausik Lakkaraju, Sai Krishna Revanth Vuruma, Vishal Pallagani, Bharath Muppasani, Biplav Srivastava
	Keynote: LLMs can't plan, but they can help you in planning	**Subbarao Kambhampati**
16:00-17:30	**Tutorial Unified Planning (N6)**	
	Unified Planning: A Python Library Making Planning Technology Accessible	Andrea Micheli, Arthur Bit-Monnot, Gabriele Röger, Sebastian Stock
16:00-17:30	**Tutorial Temporal Networks (N7)**	
	Recent Advances in Temporal Networks for Planning and Scheduling	Luke Hunsberger