

IPS-RCRA 2021: 9th Italian workshop on Planning and Scheduling and 28th International Workshop on Experimental Evaluation of Algorithms for Solving Problems with Combinatorial Explosion

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Contents

Organizing Committees	i
Preface	vi
IPS 2021 Regular Papers	1
Plan Simulation with PDSim <i>Emanuele De Pellegrin, Ronald P. A. Petrick</i>	1
Autonomous Generation of Symbolic Knowledge via Option Discovery <i>Gabriele Sartor, Davide Zollo, Marta Cialdea Mayer, Angelo Oddi, Riccardo Rasconi, Vieri Giuliano Santucci</i>	14
Scheduling Pre-Operative Assessment Clinic via Answer Set Programming <i>Simone Caruso, Giuseppe Galatà, Marco Maratea, Marco Mochi, Ivan Porro</i>	26
RCRA 2021 Regular Papers	37
Automatic Synthesis of Stabilizing Controllers for Discrete Time Linear Hybrid Systems <i>Leonardo Picchiami</i>	37
Statistical Model Checking as an Effective Technology to Formally Analyze Industry-Relevant Cyber-Physical Systems <i>Angela Pappagallo</i>	53
Intelligent Search for Personalized Cancer Therapy Synthesis: an Experimental Comparison <i>Marco Esposito, Leonardo Picchiami</i>	69
Explaining ASP-based Operating Room Schedules <i>Riccardo Bertolucci, Carmine Dodaro, Giuseppe Galatà, Marco Maratea, Ivan Porro, Francesco Ricca</i>	85
An ASP-based solution to the Operating Room Scheduling with care units <i>Giuseppe Galatà, Marco Maratea, Marco Mochi, Victoria Morozan, Ivan Porro</i>	94

IPS 2021 papers not included here and published elsewhere

Deciding Unsolvability in Temporal Planning under Action Non-Self-Overlapping

Stefan Panjkovic, Andrea Micheli and Alessandro Cimatti; in Proceedings of 36th AAAI Conference on Artificial Intelligence (AAAI 2022).

Learn to Rank Search States in Temporal Planning by Exploiting Determinism

Andrea Micheli, Alessandro Valentini

Online Learning of Action Models for PDDL Planning

Leonardo Lamanna, Alessandro Saetti, Luciano Serafini, Alfonso Emilio Gerevini and Paolo Traverso; in Proceedings of the Thirtieth International Joint Conference on Artificial Intelligence, IJCAI 2021, Virtual Event / Montreal, Canada, 19-27 August 2021

Best-First Width Search for Multi Agent Privacy-preserving Planning

Alfonso E. Gerevini, Nir Lipovetzky, Francesco Percassi, Alessandro Saetti and Ivan Serina; in Proceedings of the Twenty-Ninth International Conference on Automated Planning and Scheduling, ICAPS 2018, Berkeley, CA, USA, July 11-15, 2019

Computing Superior Counter-Examples for Conformant Planning

Xiaodi Zhang, Alban Grastien and Enrico Scala; in Proceedings of the 34th AAAI Conference on Artificial Intelligence (AAAI 2020). New York, NY, USA, February 7-12, 2020

On Translation-Based Approaches from Discrete PDDL+ to Numeric Planning

Francesco Percassi, Enrico Scala and Mauro Vallati; in Proceedings of the Thirty-First International Conference on Automated Planning and Scheduling, ICAPS 2021, Guangzhou, China (virtual), August 2-13, 2021.

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Configurable Heuristic Adaptation for Improving Best First Search in AI Planning

Ivan Serina, Mauro Vallati ; in Proceedings of the 32nd IEEE International Conference on Tools with Artificial Intelligence, ICTAI 2020, Baltimore, MD, USA, November 9-11, 2020

Online Learning of Action Models for PDDL Planning

Leonardo Lamanna, Alessandro Saetti, Luciano Serafini, Alfonso Emilio Gerevini and Paolo Traverso; in Proceedings of the Thirtieth International Joint Conference on Artificial Intelligence, IJCAI 2021, Virtual Event / Montreal, Canada, 19-27 August 2021

Upgrading Arc Consistency in Asynchronous Forward Bounding algorithm

Rachid Adrdor and Lahcen Koutti; in Proceedings of the International Conference on Logic

Programming 2021 Workshops co-located with the 37th International Conference on Logic Programming (ICLP 2021) Porto, Portugal (virtual), September 20th-21st, 2021.