

Index

- Aberdeen, Douglas, 402
Aggoune, Riad, 253
Allen, James, 297
- Bacchus, Fahiem, 2
Baral, Chitta, 111
Barbulescu, Laura, 227
Barrett, Anthony, 44
Bent, Russell, 219
Bertoli, Piergiorgio, 270
Blaylock, Nate, 297
Botea, Adi, 181
Bowling, Michael, 376
Brafman, Ronen I., 355
Breadth-First Heuristic Search, 92
Browning, Brett, 376
Bryant, Randal E., 335
Bruce, Daniel, 365
- Cesta, Amedeo, 209
Choosing Objectives in Over-Subscription Planning, 393
Classical Planning, 160
Climer, Sharlee, 132
Cognitive Robotics, 1
Complexity of Planning with Partial Observability, 345
Conformant Planning via Heuristic Forward Search: A New Approach, 355
- Decision-Theoretic Military Operations Planning, 402
Delgrande, James P., 63
Distributed Feedback Control for Decision Making on Supply Chains, 384
Dolgov, Dmitri A., 315
Domain-Specific Preferences for Causal Reasoning and Planning, 63
Durfee, Edmund H., 315
- Eiter, Thomas, 111
- Empirical Analysis of Some Heuristic Features for Local Search in LPG, An, 171
Estelle, Joshua, 384
Extending the Knowledge-Based Approach to Planning with Incomplete Information and Sensing, 2
- Fault Tolerant Planning: Toward Probabilistic Uncertainty Models in Symbolic Non-Deterministic Planning, 335
Felner, Ariel, 122
Fern, Alan, 191
From Hybrid Systems to Universal Plans via Domain Compilation, 44
Furcy, David, 122
- Gabaldon, Alfredo, 23
Geffner, Héctor, 52
Generating Robust Schedules through Temporal Flexibility, 209
Gerevini, Alfonso, 171
Givan, Robert, 191
Goldman, Robert P., 279
Guiding Planner Backjumping Using Verifier Traces, 279
- Hansen, Eric A., 92
Hauskrecht, Milos, 306
Helmert, Malte, 161
Heuristic Guidance Measures for Conformant Planning, 365
Heuristic Refinements of Approximate Linear Programming for Factored Continuous-State Markov Decision Processes, 306
Hoffmann, Jörg, 355
Holte, Robert C., 122
Howe, Adele E., 227
- Improved Integer Local Search for Complex Scheduling Problems, An, 83
Incremental Maximum Flows for Fast Envelope Computation, 260
Iterative Relaxations for Iterative Flattening in Cumulative Scheduling, 200
- Jensen, Rune M., 335
- Kaelbling, Leslie Pack, 73
Kambhampati, Subbarao, 365
Kiekintveld, Christopher, 384
Knowledge in Planning, 43
Knowledge of Other Agents and Communicative Actions in the Fluent Calculus, 12
Koehler, Jana, ix
Koenig, Sven, ix
Korf, Richard E., 142
Kramer, Laurence A., 235
Kveton, Branislav, 306
- Lang, Jérôme, 33
Learning Domain-Specific Control Knowledge from Random Walks, 191
Learning Probabilistic Relational Planning Rules, 73
Linear Search Strategy using Bounds, A, 132
Lookahead Strategy for Heuristic Search Planning, A, 150
- MacKie-Mason, Jeffrey K., 244
Mahadevan, Sridhar, 287
Martin, Yves, 12
Meshulam, Ram, 122
Michel, Laurent, 200
Model Checking and Plan Recognition, 269
Müller, Martin, 181
Multiple Pattern Databases, 122
Muscatella, Nicola, 260

- Musliner, David J., 279
- Narasamdya, Iman, 12
- Newton, Jack, 122
- Nondeterministic Planning, 334
- Oddi, Angelo, 209
- Optimal Rectangle Packing: New Results, 142
- Optimal Resource Allocation and Policy Formulation in Loosely-Coupled Markov Decision Processes, 315
- Organizing Committee, xi
- Osepayshvili, Anna, 244
- Pasula, Hanna M., 73
- Pelican, Michael J. S., 279
- Petrick, Ronald P. A., 2
- Phase Transitions in Classical Planning: An Experimental Study, 101
- Pistore, Marco, 270
- Planning and Scheduling Applications, 375
- Planning Graphs and Knowledge Compilation, 52
- Planning Heuristic Based on Causal Graph Analysis, A, 161
- Planning with Extended Goals and Partial Observability, 270
- Plays as Effective Multiagent Plans Enabling Opponent-Adaptive Play Selection, 376
- Policella, Nicola, 209
- Policy Generation for Continuous-time Stochastic Domains with Concurrency, 325
- Polynomial-Time Algorithm for Constructing k-Maintainable Policies, A, 111
- Precondition Control and the Progression Algorithm, 23
- Preface, ix
- Preference-Based Interpretation of Other Agents' Actions, A, 33
- Price Prediction Strategies for Market-Based Scheduling, 244
- Probabilistic Plan Recognition in Multiagent Systems, 287
- Probabilistic Planning, 305
- Program Committee, xii
- Reeves, Daniel M., 244
- Rintanen, Jussi, 101, 345
- Roberts, Mark, 227
- Rudary, Matthew, 384
- Saetti, Alessandro, 171
- Saria, Suchi, 287
- Schaeffer, Jonathan, 181
- Schaub, Torsten, 63
- Scheduling, 199
- Search in Planning and Scheduling, 82, 121
- Serina, Ivan, 171
- Simmons, Reid G., 325
- Singh, Satinder, 384
- Smith, David E., 393
- Smith, Stephen F., 209, 235
- Soni, Vishal, 384
- Sponsoring Organizations, xiv
- Statistical Goal Parameter Recognition, 297
- Task Swapping for Schedule Improvement: A Broader Analysis, 235
- Thielscher, Michael, 12
- Thiébaux, Sylvie, 402
- Tompits, Hans, 63
- Trading Places: How to Schedule More in a Multi-Resource Oversubscribed Scheduling Problem, 227
- Two-Job Shop Scheduling Problems with Availability Constraints, 253
- Using Component Abstraction for Automatic Generation of Macro-Actions, 181
- Value of Consensus in Online Stochastic Scheduling, The, 219
- Van Hentenryck, Pascal, 200, 219
- Veloso, Manuela M., 335, 376
- Vidal, Vincent, 150
- Vorobeychik, Yevgeniy, 384
- Wellman, Michael P., 244, 384
- Whitley, L. Darrell, 227
- Yoon, SungWook, 191
- Younes, Håkan L. S., 325
- Zettlemoyer, Luke S., 73
- Zhang, Lin, 402
- Zhang, Weixiong, 83, 132
- Zhang, Xiaotao, 83
- Zhou, Rong, 92
- Zilberstein, Shlomo, ix