

Index

- Abstract Argumentation Framework with Varied-Strength Attacks, An, 135
- Accuracy and Efficiency of Fixpoint Methods for Approximate Query Answering in Locally Complete Databases, 81
- Action Theory Contraction and Minimal Change, 651
- Additional Reviewers, xii
- Agents and Multiagent Systems, 15
- Alechina, Natasha, 16
- Amgoud, Leila, 113
- Analyti, Anastasia, 390
- Answer Set Programming with Functions, 454
- Antoniou, Grigoris, 390
- Approximate Reasoning in First-Order Logic Theories, 103
- Approximate Reasoning / Query Answering, 69
- Argumentation, 112
- Arieli, Ofer, 81
- Artale, Alessandro, 673
- Automated Complexity Proofs for Qualitative Spatial and Temporal Calculi, 715
- Baader, Franz, 684
- Baier, Jorge A., 600
- Balbani, Philippe, 695
- Behavior Composition in the Presence of Failure, 640
- Belardinelli, Francesco, 705
- Belief Change, 144
- Belief Revision of Logic Programs under Answer Set Semantics, 411
- Benferhat, Salem, 507
- Beyond Nash Equilibrium: Solution Concepts for the 21st Century, 6
- Bienvenu, Meghyn, 220
- Binas, Arnold, 329
- Bochman, Alexander, 466
- Booth, Richard, 145
- Brafman, Ronen I., 2, 552
- Brenner, Michael, 518
- Brewka, Gerhard, xv
- Britz, Katarina, 476
- Broecheler, Matthias, 59
- Bruynooghe, Maurice, 81
- Cali, Andrea, 70
- Calvanese, Diego, 231, 242
- Can You Tell the Difference Between DL-Lite Ontologies?, 285
- Cartesian Situations and Knowledge Decomposition in the Situation Calculus, 629
- Casali, Ana, 27
- Causal Reasoning, 187
- Cayrol, Claudette, 124
- Ch. Meyer, John-Jules, 16
- Chen, Xiaoping, 401
- Chetcuti-Sperandio, Nathalie, 340
- Classen, Jens, 589
- Complete First-Order Logic of Knowledge and Time, A, 705
- Complex Epistemic Modalities in the Situation Calculus, 611
- Complexity of Abduction in the *EL* Family of Lightweight Description Logics, 220
- Complexity of Planning Operator Subsumption, On the, 518
- Computing Default Extensions by Reductions on O^R , 496
- Computing Loops with at Most One External Support Rule, 401
- Conference Committee, x
- Conflict-Based Merging Operators, 348
- Conflict-Driven Disjunctive Answer Set Solving, 422
- ConGolog, Sin Trans: Compiling ConGolog into Basic Action Theories for Planning and Beyond, 600
- Cortés-Calabuig, Álvaro, 81
- Damáso, Carlos Viegas, 390
- Dastani, Mehdi, 16
- Dealing with Incomplete Agents' Preferences and an Uncertain Agenda in Group Decision Making via Sequential Majority Voting, 571
- de Bruijn, Jos, 485
- Deductive Planning with Inductive Loops, 528
- Default Theory of Defeasible Entailment, 466
- Defaults and Normality in Causal Structures, 198
- De Giacomo, Giuseppe, 231, 242, 640
- Delgrande, James P., 156, 411
- Denecker, Marc, 81, 103
- Description Logics / Ontologies, 219
- Dimopoulos, Yannis, 113
- Doherty, Patrick, 528, 560
- Dong, Jin Song, 318
- Drescher, Christian, 422
- Dupin de Saint-Cyr, Florence, 124, 188
- Dynamic Logic on Games with Structured Strategies, 49
- Eiter, Thomas, 485
- Embedding Approaches to Combining Rules and Ontologies into Autoepistemic Logic, 485
- Endriss, Ulle, 579
- Equilibria in Social Belief Removal, 145
- Everaere, Patricia, 348
- Eyerich, Patrick, 518

- Faber, Wolfgang, 433
- First Experimental Demonstration of Massive Knowledge Infusion, A, 378
- First-Order Strong Progression for Local-Effect Basic Action Theories, 662
- Formalising Temporal Constraints on Part-Whole Relations, 673
- Fritz, Christian, 600
- García, Alejandro J., 135
- Gebser, Martin, 422
- Genesereth, Michael R., 92
- Ghilardi, Silvio, 684
- Glimm, Birte, 252
- Godo, Lluís, 27
- Gottlob, Georg, 70
- Grau, Bernardo Cuenca, 296
- Grote, Torsten, 422
- Gruninger, Michael, 263
- Guarino, Nicola, 673
- Hahmann, Torsten, 263
- Halpern, Joseph Y., 6, 198
- Heidema, Johannes, 476
- Helmert, Malte, 544
- Hinrichs, Timothy L., 92
- Horn Clause Belief Change: Contraction Functions, 156
- Horrocks, Ian, 252, 296
- How Many Toes Do I Have? Part-hood and Number Restrictions in Description Logics, 307
- How to Choose Weightings to Avoid Collisions in a Restricted Penalty Logic, 340
- Hunter, Anthony, 358
- Identifying Objects Over Time with Description Logics, 724
- Improvement Operators, 177
- Inconsistency Handling, 328
- Inconsistency Management Policies, 367
- Injecting the How into the What: Investigating a Finite Classical Logic, 92
- Invited Keynote Presentations, 1
- Ji, Jianmin, 401
- Kaufmann, Benjamin, 422
- Kazakov, Yevgeny, 274
- Keet, C. Maria, 673
- Kelly, Ryan F., 611
- Kern-Isberner, Gabriele, 166
- Kifer, Michael, 70
- Konieczny, Sébastien, 177, 348, 358
- König, Arne, 422
- Kontchakov, Roman, 285
- KR and Machine Learning, 377
- Kraus, Sarit, 59
- Lagasquie-Schiex, Marie-Christine, 124
- Lagrué, Sylvain, 340, 507
- Lakemeyer, Gerhard, 589, 662
- Lang, Jérôme, xv
- Lee, Joohyung, 444
- Lembo, Domenico, 231
- Lenzerini, Maurizio, 231, 242
- Levesque, Hector J., 662
- Lexicographic Inference for Partially Preordered Belief Bases, A, 507
- Li, Jason Jingshi, 715
- Lian, Espen H., 496
- Lin, Fangzhen, 401, 454, 621
- Linking Iterated Belief Change Operations to Nonmonotonic Reasoning, 166
- Logan, Brian S., 16
- Logic for Non-Terminating Golog Programs, A, 589
- Logic Programming / Answer Sets, 389
- Logical Account of Institutions: From Acceptances to Norms via Legislators, A, 38
- Logical Framework to Represent and Reason about Graded Preferences and Intentions, A, 27
- Lomuscio, Alessio, 705
- Longin, Dominique, 38
- Loop Formulas with Variables, On, 444
- Lorini, Emiliano, 38
- LTL over Description Logic Axioms, 684
- Lutz, Carsten, 684
- Magnusson, Martin, 528
- Making Decisions through Preference-Based Argumentation, 113
- Mariën, Maarten, 103
- Marquis, Pierre, 348
- Martínez, Diego C., 135
- Martinez, Maria Vanina, 367
- McIlraith, Sheila A., 329, 600
- Measuring Inconsistency through Minimal Inconsistent Sets, 358
- Meng, Yunsong, 444
- Meyer, Thomas, 145, 476
- Michael, Loizos, 378
- Model-Theoretic Characterization of Asher and Vieu's Ontology of Mereotopology, 263
- Moraitis, Pavlos, 113
- Motik, Boris, 296
- Nebel, Bernhard, 518, 544
- Nonmonotonic Reasoning, 465
- Notions of Causality and Distributed Knowledge, On, 209
- Notions of Strong Equivalence for Logic Programs with Ordered Disjunction, 433
- Ontology Generation through the Fusion of Partial Reuse and Relation Extraction, 318
- Ostrowski, Max, 422
- Papini, Odile, 507
- Parisi, Francesco, 367
- Path-Based Identification Constraints in Description Logics, 231
- Patrizi, Fabio, 640
- Pattinson, Dirk, 307
- Pearce, Adrian R., 611
- Peer-to-Peer Query Answering with Inconsistent Knowledge, 329
- Pérez, Ramón Pino, 177
- Petrick, Ronald P. A., 629

- Pini, Maria Silvia, 571
- Planning, 517
- Planning Graphs and Propositional Clause-Learning, 535
- Preface, xv
- Preference Modeling by Weighted Goals with Max Aggregation, 579
- Preferences, 551
- Preferences, Planning and Control, 2
- Principled Framework for Modular Web Rule Bases and Its Semantics, A, 390
- Program Committee, xi
- Promises Kept, Promises Broken: An Axiomatic and Quantitative Treatment of Fulfillment, 59
- Proving Goal Achievability, 621
- Pugliese, Andrea, 367
- Ramanujam, R., 49
- Reasoning about Action, 588
- Reasoning about Agent Deliberation, 16
- Reasoning with Qualitative Preferences and Cardinalities using Generalized Circumscription, 560
- Relational Preference Rules for Control, 552
- Relative Expressiveness of ADL and Golog: The Last Piece in the Puzzle, On the. 544
- Renz, Jochen, 715
- Representing Structured Objects using Description Graphs, 296
- Revision of an Argumentation System, 124
- Rintanen, Jussi, 535
- RIQ* and *SROIQ* Are Harder than *SHOIQ*, 274
- Röger, Gabriele, 544
- Rosati, Riccardo, 231, 242
- Rossi, Francesca, 571
- Sardina, Sebastian, 640
- Sattler, Ulrike, 252, 296
- Scenario Update Applied to Causal Reasoning, 188
- Schaub, Torsten, 411, 422
- Schröder, Lutz, 307
- Semantic Preferential Subsumption, 476
- Sérayet, Mariette, 507
- Sierra, Carles, 27
- Simari, Gerardo I., 59, 367
- Simari, Guillermo R., 135
- Simon, Sunil Easaw, 49
- Subrahmanian, V. S., 59, 367
- Szalas, Andrzej, 560
- Taming the Infinite Chase: Query Answering under Expressive Relational Constraints, 70
- Temporal and Spatial Reasoning, 672
- Time Representation and Temporal Reasoning from the Perspective of Non-Standard Analysis, 695
- Toman, David, 724
- Tompits, Hans, 411, 433, 485
- Tun, Nwe Ni, 318
- Uckelman, Joel, 579
- Unions of Conjunctive Queries in *SHOQ*, 252
- Valiant, Leslie G., 378
- van der Meyden, Ron, 209
- Varzinczak, Ivan José, 651
- Vassos, Stavros, 662
- Venable, Kristen Brent, 571
- View-Based Query Answering over Description Logic Ontologies, 242
- Waalder, Arild, 496
- Walsh, Toby, 571
- Wang, Yisong, 454
- Weddell, Grant, 724
- Wittocx, Johan, 103
- Wolter, Frank, 285
- Woltran, Stefan, 411, 433
- Yahi, Safa, 507
- Zakharyashev, Michael, 285