Alex Borgida, David Toman and Grant Weddell

On Referring Expressions in Query Answering over First Order Knowledge Bases

Ricardo Gonçalves, Matthias Knorr and Joao Leite

The Ultimate Guide to Forgetting in Answer Set Programming

Matthias Thimm and Johannes P. Wallner

Some Complexity Results on Inconsistency Measurement

Ulle Endriss, Umberto Grandi, Ronald de Haan and Jérôme Lang

Succinctness of Languages for Judgment Aggregation

Alberto Molinari, Angelo Montanari, Adriano Peron and Pietro Sala

Model checking well-behaved fragments of HS: the (almost) final picture

Gerhard Lakemeyer and Hector Levesque

Decidable Reasoning in a Logic of Limited Belief with Function Symbols

Alexander Bochman

On Logics and Semantics of Indeterminate Causation

Vaishak Belle and Hector Levesque

Foundations for Generalized Planning in Unbounded Stochastic Domains

Pierre Bourhis and Carsten Lutz

Containment in Monadic Disjunctive Datalog, MMSNP, and Expressive Description Logics

Paul Saikko, Johannes Peter Wallner and Matti Järvisalo

Implicit Hitting Set Algorithms for Reasoning Beyond NP

Joseph Halpern and Rafael Pass

Sequential Equilibrium in Games of Imperfect Recall

Diego Calvanese, Giuseppe De Giacomo, Marco Montali and Fabio Patrizi

On First-Order Mu-Calculus over Situation Calculus Action Theories

Diego Calvanese, Giuseppe De Giacomo, Maurizio Lenzerini and Moshe Vardi

Regular Open APIs

Thomas Eiter, Thomas Lukasiewicz and Livia Predoiu

Generalized Consistent Query Answering under Existential Rules

Massimiliano Giacomin, Thomas Linsbichler and Stefan Woltran

On the Functional Completeness of Argumentation Semantics

Thomas Lukasiewicz, Maria Vanina Martinez, David Poole and Gerardo Simari

Probabilistic Models over Weighted Orderings: Fixed-Parameter Tractable Variable Elimination

Ismail Ilkan Ceylan, Adnan Darwiche and Guy Van den Broeck

Open-World Probabilistic Databases

Benjamin Aminof, Aniello Murano, Sasha Rubin and Florian Zuleger

Prompt Alternating-Time Epistemic Logics

Meghyn Bienvenu and Riccardo Rosati

Query-based comparison of mappings in ontology-based data access

Andrew Bate, Boris Motik, Bernardo Cuenca Grau, Frantisek Simancik and Ian Horrocks

Extending Consequence-Based Reasoning to SRIQ

Sebastian Rudolph

Undecidability Results for Database-Inspired Reasoning Problems in Very Expressive Description Logics

Ronald de Haan and Stefan Szeider

Parameterized Complexity Results for Symbolic Model Checking of Temporal Logics

Antonio Rago, Francesca Toni, Marco Aurisicchio and Pietro Baroni

Discontinuity-Free Decision Support with Quantitative Argumentation Debates

Marco Console, Paolo Guagliardo and Leonid Libkin

Approximations and Refinements of Certain Answers via Many-Valued Logics

Ernesto Jimenez-Ruiz, Terry Payne, Alessandro Solimando and Valentina Tamma

Limiting Logical Violations in Ontology Alignment Through Negotiation

Tristan Charrier, Andreas Herzig, Emiliano Lorini, Faustine Maffre and Francois Schwarzentruber

Building epistemic logic from observations and public announcements

Ringo Baumann

Characterizing Equivalence Notions for Labelling-Based Semantics

Jerome Delobelle, Adrian Haret, Sébastien Konieczny, Jean-Guy Mailly, Julien Rossit and Stefan Woltran

Merging of AbstractArgumentation Frameworks

Glauber De Bona, Marcelo Finger, Márcio Ribeiro, Yuri Santos and Renata Wassermann

Consolidating Probabilistic Knowledge Bases via Belief Contraction

Julian Gutierrez, Giuseppe Perelli and Michael Wooldridge

ImperfectInformation in Reactive Modules Games

Roman Kontchakov and Egor V. Kostylev

On Expressibility of Non-Monotone Operators in SPARQL

Anthony Hunter and Matthias Thimm

On Partial Information and Contradictions in Probabilistic Abstract Argumentation

Zhiguo Long, Steven Schockaert and Sanjiang Li

Encoding Large RCC8 Scenarios Using Rectangular Pseudo-Solutions

Alessio Lomuscio and Jakub Michaliszyn

Model Checking Multi-Agent Systems against Epistemic HS Specifications with Regular Expressions

Sergio Abriola, Pablo Barcelo, Diego Figueira and Santiago Figueira

Bisimulations on data graphs

Zhiyi Luo, Yuchen Sha, Kenny Zhu, Seung-Won Hwang and Zhongyuan Wang

Commonsense Causal Reasoning between Short Texts

Jean-Francois Condotta, Issam Nouaouri and Michael Sioutis

A SAT Approach for Maximizing Satisfiability in Qualitative Spatial and Temporal Constraint Networks

Leila Amgoud, Jonathan Ben-Naim, Dragan Doder and Srdjan Vesic

Ranking Arguments With Compensation-Based Semantics

Leila Amgoud and Jonathan Ben-Naim

Axiomatic Foundations of Acceptability Semantics

Joohyung Lee and Yi Wang

Weighted Rules under the Stable Model Semantics

Bart Bogaerts, Tomi Janhunen and Shahab Tasharrofi

Declarative solver development: Case studies

Marlo Souza, Alvaro Moreira, Renata Vieira and John-Jules Meyer

Preference and priorities: a study based on contraction

Nhung Ngo, Magdalena Ortiz and Mantas Simkus

Closed Predicates in Description Logics: Results on Combined Complexity

Magdalena Ivanovska, Audun Josang and Francesco Sambo

Bayesian Deduction with Subjective Opinions

Said Jabbour, Yue Ma, Badran Raddaoui, Lakhdar Sais and Yakoub Salhi

A MIS Partition Based Framework for Measuring Inconsistency

Jean-Francois Condotta, Badran Raddaoui and Yakoub Salhi

Quantifying Conflicts for Spatial and Temporal Information

Umut Oztok, Arthur Choi and Adnan Darwiche

Solving PP^PP-complete Problems using Knowledge Compilation

Haris Aziz, Paul Harrenstein, Jérôme Lang and Michael Wooldridge

Boolean Hedonic Games

Boris Konev and Temur Kutsia

Anti-Unification of Concepts in Description Logic EL

KR 2016 Accepted short papers

Seyed Mehran Kazemi and David Poole

Knowledge Compilation for Lifted Probabilistic Inference: Compiling to a Low-Level Language

Jean-Francois Baget, Salem Benferhat, Zied Bouraoui, Madalina Croitoru, Mugnier Marie-Laure, Odile Papini, Swan Rocher and Karim Tabia

A General Modifier-based Framework for Inconsistency-Tolerant Query Answering

Arnaud Caravol and Zoltan Esik

An analysis of the equational properties of the well-founded fixed point

Maurizio Lenzerini, Lorenzo Lepore and Antonella Poggi

A Higher-order Semantics for Metaquerying in OWL 2 QL

Tran Cao Son, Enrico Pontelli, Michael Gelfond and Marcello Balduccini

Reasoning about Truthfulness of Agents Using Answer Set Programming

Roy Luo, Richard Valenzano, Yi Li, Chris Beck and Sheila McIlraith

Specifying Scheduling Problems Using Metric Temporal Logic

Ofer Arieli and Christian Strasser

Argumentative Approaches to Reasoning with Maximal Consistency

Shakil Khan and Yves Lespérance

Infinite Paths in the Situation Calculus: Axiomatization and Properties

Kristijonas Cyras and Francesca Toni

ABA+: Assumption-Based Argumentation with Preferences

Martin Homola, Jan Kluka and Petra Kubincova°

An Expressive Description Logic with Metamodelling of Instantiation and Subsumption

Theodore Patkos, Antonis Bikakis and Giorgos Flouris

A Multi-Aspect Evaluation Framework for Comments on the Social Web

Vasanth Sarathy and Matthias Scheutz

Cognitive Affordance Representations in Uncertain Logic

Özgür Lütfü Özcep

Minimality Postulates for Ontology Revision

Lukas Chrpa and Roman Bartak

Guiding Planning Engines by Transition-based Domain Control Knowledge

Pietro Baroni, Guido Governatori, Ho-Pun Lam and Regis Riveret

On the Justification of Statements in Argumentation-based Reasoning

Ringo Baumann and Hannes Strass

Classical Logics for Characterizing Strong Equivalence in Non-Classical Logics

David Buchman and David Poole

Negation Without Negation in Probabilistic Logic Programming

Giovanni Casini and Thomas Meyer

Using Defeasible Information to Obtain Coherence

Muhannad Al-Omari, Eris Chinellato, Yiannis Gatsoulis, David Hogg and Anthony Cohn

Acquiring Knowledge about Semantics of Relational Features and Actions: Connecting Language and Vision

Jun Feng, Minlie Huang, Mingdong Wang, Mantong Zhou, Yu Hao and Xiaoyan Zhu Knowledge Graph Embedding by Flexible Translation

Monica Maria Martinez Amarante, Edelweis Rohrer and Paula Severi

Complexity of the Description Logic ALCM

Kristijonas Cyras, Francesca Toni and Ken Satoh

Abstract Argumentation for Case-Based Reasoning

Federico Cerutti, Mauro Vallati and Massimiliano Giacomin

jArgSemSAT: an Efficient Off-The-Shelf Solver for Abstract Argumentation Frameworks

Bita Banihashemi, Giuseppe De Giacomo and Yves Lesperance

Online Situation-Determined Agents and their Supervision

Domenico Lembo, Daniele Pantaleone, Valerio Santarelli and Domenico Fabio Savo

Easy OWL drawing with the Graphol visual ontology language

Nicolas Schwind, Tenda Okimoto, Maxime Clement and Katsumi Inoue

Representative Solutions for Multi-Objective Constraint Optimization Problems