1. Record Nr. UNINA9910485150103321

Titolo	Computational Logic in Multi-Agent Systems : 14th International Workshop, CLIMA XIV, Corunna, Spain, September 16-18, 2013, Proceedings / / edited by João Leite, Tran Cao Son, Paolo Torroni, Leon van der Torre, Stefan Woltran
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	3-642-40624-6
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XXIV, 391 p. 75 illus.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 8143
Disciplina	006.3
Soggetti	Artificial intelligence Machine theory Software engineering Compilers (Computer programs) Computer science Application software Artificial Intelligence Formal Languages and Automata Theory Software Engineering Compilers and Interpreters Computer Science Logic and Foundations of Programming Computer and Information Systems Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	From Discourse Analysis to Argumentation Schemes and Back: Relations and Differences -- Analyzing the Equivalence Zoo in Abstract Argumentation -- On the Instantiation of Knowledge Bases in Abstract Argumentation Frameworks -- Rewriting Rules for the Computation of Goal-Oriented Changes in an Argumentation System -- A Sequent-Based Representation of Logical Argumentation -- Instantiating Knowledge Bases in Abstract Dialectical Frameworks -- Admissibility in the Abstract Dialectical Framework -- Computing the Grounded

Semantics in All the Subgraphs of an Argumentation Framework: An Empirical Evaluation -- Advanced SAT Techniques for Abstract Argumentation -- Web Based System for Weighted Defeasible Argumentation -- Coalitional Responsibility in Strategic Settings -- Symmetries and Epistemic Reasoning -- Accumulative Knowledge under Bounded Resources -- Time Is Up! – Norms with Deadlines in Action Languages -- External Transaction Logic with Automatic Compensations -- Perceiving Rules under Incomplete and Inconsistent Information -- Using Agent JPF to Build Models for Other Model Checkers -- Reasoning about the Beliefs of Agents in Multi-agent Domains in the Presence of State Constraints: The Action Language mAL -- A Temporal Argumentation Approach to Cooperative Planning Using Dialogues -- Reconfiguration of Large-Scale Surveillance Systems -- An Argumentation-Based Approach for Automatic Evaluation of Design Debates -- Risk Assessment as an Argumentation Game -- Assumption-Based Argumentation for Decision-Making with Preferences: A Medical Case Study.

Sommario/riassunto

This book constitutes the proceedings of the 14th International Workshop on Computational Logic in Multi-Agent Systems, CLIMA XIV, held in Corunna, Spain, in September 2013. The 23 regular papers were carefully reviewed and selected from 44 submissions and presented with four invited talks. The purpose of the CLIMA workshops is to provide a forum for discussing techniques, based on computational logic, for representing, programming and reasoning about agents and multi-agent systems in a formal way. This edition will feature two special sessions: Argumentation Technologies and Norms and Normative Multi-Agent Systems.