

1. Record Nr.	UNINA9910483442103321
Titolo	Argumentation in Multi-Agent Systems : Second International Workshop, ArgMAS 2005, Utrecht, Netherlands, July 26, 2005, Revised Selected and Invited Papers / / edited by Simon D. Parsons, Nicolas Maudet, Pavlos Moraitsis, Iyad Rahwan
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-36356-4
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XIV, 313 p.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 4049
Altri autori (Persone)	ParsonsSimon
Disciplina	006.3
Soggetti	Artificial intelligence Computer networks User interfaces (Computer systems) Human-computer interaction Natural language processing (Computer science) Artificial Intelligence Computer Communication Networks User Interfaces and Human Computer Interaction Natural Language Processing (NLP)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Lecture -- The Case of Pragma-Dialectics -- Foundations -- A Logic of Abstract Argumentation -- On the Meta-logic of Arguments -- Nested Argumentation and Its Application to Decision Making over Actions -- Testing Formal Dialectic -- Negotiation -- Formal Handling of Threats and Rewards in a Negotiation Dialogue -- Argument-Based Negotiation in a Social Context -- Practical Strategic Reasoning and Adaptation in Rational Argument-Based Negotiation -- A Protocol for Arguing About Rejections in Negotiation -- Protocols -- New Types of Inter-agent Dialogues -- Argumentation Based Modelling of Embedded Agent Dialogues -- Liberalizing Protocols for Argumentation in Multi-agent Systems -- Protocol Synthesis with Dialogue Structure Theory -- Deliberation and Coalition Formation -- An Argumentation-Based

Model for Reasoning About Coalition Structures -- Argumentation-Based Multi-agent Dialogues for Deliberation -- Consensus Formation -- Presentation of Arguments and Counterarguments for Tentative Scientific Knowledge -- Towards a Formal Framework for the Search of a Consensus Between Autonomous Agents -- Argumentation-Supported Information Distribution in a Multiagent System for Knowledge Management -- How Agents Alter Their Beliefs After an Argumentation-Based Dialogue.

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**Sommario/riassunto**

This volume is based on the Second Workshop on Argumentation in Multiagent Systems (Argmas). The workshop was held in conjunction with the 4th Int- national Conference on Autonomous Agents and Multiagent Systems (aamas), at the University of Utrecht in Utrecht, The Netherlands, in July 2005. The workshop itself took place on July 26. We are happy to report that the second workshop was just as popular and successful as its predecessor, held the previous summer in New York. We received 17 submissions, each of which was reviewed by at least three experts in the field, and ten of these papers were accepted for presentation at the workshop. Once again the workshop was graced by an invited lecture, this time by Frans van Eemeren of the University of Amsterdam, who talked on the subject of prag- dialectics. The workshop attracted 31 participants, ensuring many questions for the speakers, and a healthy exchange of views during the discussion periods. Following the practice established with the post-proceedings of the ?rst Argmas workshop, we invited the presenters of all the accepted papers to prepare revised versions of their papers for this volume. In addition we approached authors of papers on directly related topics that had been presented in the aamas conference, and this gave us an additional seven papers. We further solicited one additional paper (details below) and were lucky enough that Prof. van Eemeren consented to send us a paper that covered the material of his invited talk.

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