

1. Record Nr.	UNISA996466020903316
Titolo	Agent-Oriented Information Systems III [[electronic resource] ] : 7th International Bi-Conference Workshop, AOIS 2005, Utrecht, The Netherlands, July 26, 2005, and Klagenfurt, Austria, October 27, 2005, Revised Selected Papers // edited by Manuel Kolp, Paolo Bresciani, Brian Henderson-Sellers, Michael Winikoff
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-48292-X
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (X, 294 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 3529
Disciplina	006.3/3
Soggetti	Software engineering Artificial intelligence Computer communication systems Information storage and retrieval Application software User interfaces (Computer systems) Software Engineering/Programming and Operating Systems Artificial Intelligence Computer Communication Networks Information Storage and Retrieval Information Systems Applications (incl. Internet) User Interfaces and Human Computer Interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"In 2005, two AOIS workshops were held internationally. The first was affiliated with the AAMAS 2005 meeting in July in Utrecht in The Netherlands and chaired by Henderson-Sellers and Winikoff and the second with ER 2005 in November in Klagenfurt in Austria and chaired by Kolp and Bresciani. The best papers from these meetings were identified and authors invited to revise and possibly extend their papers in the light of reviewers' comments and feedback at the workshop." -- preface.
Nota di bibliografia	Includes bibliographical references and index.

Agent Behavior, Communications and Reasoning -- Automated Interpretation of Agent Behaviour -- A Semantic and Pragmatic Framework for the Specification of Agent Communication Languages: Motivational Attitudes and Norms -- Broadening the Semantic Coverage of Agent Communicative Acts -- Requirements Analysis of an Agent's Reasoning Capability -- On the Cost of Agent-Awareness for Negotiation Services -- OWL-P: A Methodology for Business Process Development -- Methodologies and Ontologies -- Identification of Reusable Method Fragments from the PASSI Agent-Oriented Methodology -- Foundations of Ontology-Based MAS Methodologies -- An Ontology-Driven Technique for the Architectural and Detailed Design of Multi-agent Frameworks -- An Ontology Support for Semantic Aware Agents -- Agent-Oriented Software Engineering -- AOSE and Organic Computing -- How Can They Benefit from Each Other? -- An Agent-Oriented Model of a Dynamic Engineering Design Process -- Formalizing Agent-Oriented Enterprise Models -- Fragmented Workflows Supported by an Agent Based Architecture -- Applications -- An Agent-Based Meta-level Architecture for Strategic Reasoning in Naval Planning -- Coordination Efficiency in Rational Choice Theory, Norm and Rights Based Multi-agent Systems -- Adapted Information Retrieval in Web Information Systems Using PUMAS -- Design Options for Subscription Managers -- Supporting Program Indexing and Querying in Source Code Digital Libraries.

Information systems underpin today's business and entertainment. The means by which these information systems have been developed has changed over the years. Although the current paradigm is to use object-oriented concepts, a new set of concepts, focussed on agent technology, is starting to be evaluated. Agents offer higher level abstractions (than objects) for the conceptualization, design and implementation of information systems. Agents have autonomy, can reason and can coordinate within societies of agents. The AOIS series of workshops explores the potential for facilitating the increased usage of agent technology in the creation of information systems in the widest sense. In 2005, two AOIS workshops were held internationally. The first was affiliated with the AAMAS 2005 meeting in July in Utrecht in The Netherlands and chaired by Henderson-Sellers and Winikoff and the second with ER 2005 in November in Klagenfurt in Austria and chaired by Kolp and Bresciani. The best papers from these meetings were identified and authors invited to revise and possibly extend their papers in the light of reviewers' comments and feedback at the workshop. We have grouped these papers loosely under four headings: Agent behavior, communications and reasoning; Methodologies and ontologies; Agent-oriented software engineering; and Applications. These categories fairly represent the breadth of current AOIS research as well as encompassing the papers presented at the two AOIS workshops. We trust you will find the content of these selected and revised papers to be of interest and utility.