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Disciplina	006.3
Soggetti	Artificial intelligence Computer communication systems Software engineering Application software Computer logic User interfaces (Computer systems) Artificial Intelligence Computer Communication Networks Software Engineering Information Systems Applications (incl. Internet) Logics and Meanings of Programs User Interfaces and Human Computer Interaction
Lingua di pubblicazione	Inglese
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Note generali	Includes index.
Nota di contenuto	Reasoning with Group Norms in Software Agent Organizations -- A Cognitive Framing for Norm Change -- Representative Agents and the Cold Start Problem in Contract Negotiation -- Simulating Normative Behavior in Multi-Agent Environments Using Monitoring Artefacts -- Exploring the Effectiveness of Agent Organizations -- SIMPLE: a Language for the Specification of Protocols, Similar to Natural Language -- Mind as a Service: Building Socially Intelligent Agents -- COIR:

Verifying Normative Specifications of Complex Systems -- The Role of Knowledge Keepers in an Artificial Primitive Human Society: an Agent-Based Approach -- Modeling and Detecting Norm Conflicts in Regulated Organizations -- Revising Institutions Governed by Institutions for Compliant Regulations -- Reinforcement Learning of Normative Monitoring Intensities -- Communication in Human-Agent Teams for Tasks with Joint Action -- Manipulating Conventions in a Particle-based Topology -- Formation of Association Structures Based on Reciprocity and Their Performance in Allocation Problems -- Towards Team Formation via Automated Planning -- Interest-based Negotiation for Policy-regulated Asset Sharing -- An Empirical Evaluation of the Huginn Constrained Norm-aware BDI Reasoned -- Implementation of Normative Practical Reasoning with Durative Actions -- Multi-agent Team Formation for Design Problems -- Security and Robustness for Collaborative Monitors -- An Interactive, Generative Punch and Judy Show Using Institutions, ASP and Emotional Agents -- Quantified Degrees of Group Responsibility.

Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the 11th International Workshops on Coordination, Organizations, Institutions and Norms in Agent Systems, COIN 2015. The workshops were co-located with AAMAS 2015, held in Istanbul, Turkey, in May 2015, and with IJCAI 2015, held in Buenos Aires, Argentina, in July 2015. The 23 full papers were carefully reviewed and selected from 46 initial submissions for inclusion in this volume. The papers cover a wide range of topics from work on formal aspects of normative and team based systems, to software engineering with organizational concepts, to applications of COIN based systems, and to philosophical issues surrounding socio-technical systems. They highlight not only the richness of existing work in the field, but also point out the challenges and exciting research that remains to be done in the area.
