

Contents

Reasoning with Group Norms in Software Agent Organisations	1
<i>Huib Aldewereld, Virginia Dignum, and Wamberto Vasconcelos</i>	
A Cognitive Framing for Norm Change	22
<i>Cristiano Castelfranchi</i>	
Representative Agents and the Cold Start Problem in Contract Negotiation . . .	42
<i>Federico Cerutti, Christopher Burnett, and Nir Oren</i>	
Simulating Normative Behaviour in Multi-agent Environments Using Monitoring Artefacts	59
<i>Stephan Chang and Felipe Meneguzzi</i>	
Exploring the Effectiveness of Agent Organizations.	78
<i>Daniel D. Corkill, Daniel Garant, and Victor R. Lesser</i>	
SIMPLE: A Language for the Specification of Protocols, Similar to Natural Language	98
<i>Dave de Jonge and Carles Sierra</i>	
Mind as a Service: Building Socially Intelligent Agents	119
<i>Virginia Dignum</i>	
CÒIR: Verifying Normative Specifications of Complex Systems	134
<i>Luca Gasparini, Timothy J. Norman, Martin J. Kollingbaum, Liang Chen, and John-Jules C. Meyer</i>	
The Role of Knowledge Keepers in an Artificial Primitive Human Society: An Agent-Based Approach.	154
<i>Marzieh Jahanbazi, Christopher Frantz, Maryam Purvis, and Martin Purvis</i>	
Modeling and Detecting Norm Conflicts in Regulated Organizations	173
<i>Jie Jiang and Huib Aldewereld</i>	
Revising Institutions Governed by Institutions for Compliant Regulations . . .	191
<i>Thomas C. King, Tingting Li, Marina De Vos, Catholijn M. Jonker, Julian Padget, and M. Birna van Riemsdijk</i>	
Reinforcement Learning of Normative Monitoring Intensities	209
<i>Jiaqi Li, Felipe Meneguzzi, Moser Fagundes, and Brian Logan</i>	

Communication in Human-Agent Teams for Tasks with Joint Action	224
<i>Sirui Li, Weixing Sun, and Tim Miller</i>	
Manipulating Conventions in a Particle-Based Topology	242
<i>James Marchant and Nathan Griffiths</i>	
Formation of Association Structures Based on Reciprocity and Their Performance in Allocation Problems	262
<i>Yuki Miyashita, Masashi Hayano, and Toshiharu Sugawara</i>	
Towards Team Formation via Automated Planning	282
<i>Christian Muise, Frank Dignum, Paolo Felli, Tim Miller, Adrian R. Pearce, and Liz Sonenberg</i>	
Interest-Based Negotiation for Policy-Regulated Asset Sharing	300
<i>Christos Parizas, Geeth De Mel, Alun D. Preece, Murat Sensoy, Seraphin B. Calo, and Tien Pham</i>	
An Empirical Evaluation of the Huginn Constrained Norm-Aware BDI Reasoner	320
<i>Tiago Luiz Schmitz and Jomi Fred Hübner</i>	
Implementation of Normative Practical Reasoning with Durative Actions . . .	335
<i>Zohreh Shams, Marina De Vos, Julian Padget, and Wamberto Vasconcelos</i>	
Multi-agent Team Formation for Design Problems	354
<i>Leandro Soriano Marcolino, Haifeng Xu, David Gerber, Boian Kolev, Samori Price, Evangelos Pantazis, and Milind Tambe</i>	
Security and Robustness for Collaborative Monitors	376
<i>Bas Testerink, Nils Bulling, and Mehdi Dastani</i>	
An Interactive, Generative Punch and Judy Show Using Institutions, ASP and Emotional Agents	396
<i>Matt Thompson, Julian Padget, and Steve Battle</i>	
Quantified Degrees of Group Responsibility	418
<i>Vahid Yazdanpanah and Mehdi Dastani</i>	
Author Index	437

Coordination, Organizations, Institutions, and Norms in
Agent Systems XI

COIN 2015 International Workshops, COIN@AAMAS,
Istanbul, Turkey, May 4, 2015, COIN@IJCAI, Buenos
Aires, Argentina, July 26, 2015, Revised Selected
Papers

Dignum, V.; Noriega, P.; Sensoy, M.; Sichman, J.S. (Eds.)

2016, XII, 437 p. 119 illus., Softcover

ISBN: 978-3-319-42690-7