Table of Contents

Architecture, Models, and Mechanisms

An Architecture for Normative Reactive Agents .......................... 1
  Guido Boella, Rossana Damiano
A Real-Time Agent Architecture: Design, Implementation and Evaluation ........ 18
  Jimmy H.M. Lee, Lei Zhao
Individual Level Analysis Using Decision Making Features in Multiagent Based Simulation ..................................... 33
  Tomomi Takashina, Kazuhide Tanaka, Shigeyoshi Watanabe
False-Name-Proof Multi-unit Auction Protocol Utilizing Greedy Allocation Based on Approximate Evaluation Values .... 48
  Kenji Teruda, Makoto Yokoo

Coordination, Negotiation, and Organization

Developing Alternative Mechanisms for Multiagent Coordination .......... 63
  Wei Chen, Keith Decker
An Operational Semantics for Negotiating Agents .......................... 77
  Mohamed Jamael, Ahmed Hadj Kacem
An Organizational Metamodel for the Design of Catalogues of Communicative Actions ........................................... 92
  Juan Manuel Serrano, Sascha Ossowski
Principles for Dynamic Multi-agent Organizations ....................... 109
  Philippe Mathieu, Jean-Christophe Routier, Yann Secq

Agent-Based Interface

Conducting the Disambiguation Dialogues between Software Agent Sellers and Human Buyers ...................... 123
  Von-Wun Soo, Hai-Long Cheng
Mutual Learning of Mind Reading between a Human and a Life-Like Agent ........................................ 138
  Seiji Yamada, Tomohiro Yamaguchi
Automatic Short Story Generator Based on Autonomous Agents .......... 151
  Yunju Shim, Minkoo Kim
<table>
<thead>
<tr>
<th>Applications</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meta-level Architecture for Executing Multi-agent Scenarios</td>
<td>163</td>
</tr>
<tr>
<td>Application-Oriented Flow Control in Agent-Based Network Middleware</td>
<td>178</td>
</tr>
<tr>
<td>Continuous Truck Delivery Scheduling and Execution System with Multiple Agents</td>
<td>190</td>
</tr>
<tr>
<td>Designing Agents for Context-Rich Textual Information Tasks</td>
<td>205</td>
</tr>
</tbody>
</table>

**Author Index**

Jyi-Shane Liu: 205
Gen Kitagata, Takuo Suganuma, Tetsuo Kinoshita: 178
Jun Sawamoto, Hidekazu Tsuji, Hisao Koizumi: 190