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

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Preface

The pervasiveness of open systems raises a range of challenges and opportunities for research and technological development in the area of autonomous agents and multi-agent systems. Open systems comprise loosely coupled entities interacting within a social space. These entities join the social space in order to achieve some goals that are unattainable by agents in isolation. However, when those entities are autonomous, they might misbehave and, furthermore, in open systems one may not know what entities will be active beforehand, when they may become active, or when they may leave the system. The key point in the design and construction of open systems is to devise governance mechanisms that foster interactions that are conducive to achieve individual or collective goals.

The COIN (Coordination, Organisations, Institutions and Norms in Agent Systems) Workshop series — that started as the merging of two workshops at AAMAS 2005 — has grown to become the main venue for presenting and discussing work on social and governance aspects of multi-agent systems.

This volume — the 11th in the COIN workshop series — contains revised versions of 23 selected papers presented at COIN workshops in 2015: the first was co-located with AAMAS and took place on May 4 in Istanbul, Turkey, while the second was co-located with IJCAI and was held on July 26 in Buenos Aires, Argentina.

In total, 46 papers were submitted (25 to COIN@AAMAS 2015 and 20 to COIN@IJCAI 2015), of which 25 were accepted for oral presentation (14 at COIN@AAMAS 2015 and 11 at COIN@IJCAI 2015). The 23 papers included in this collection were selected from those accepted and have undergone a substantial process of revision. As in previous editions, for each of the two workshops at least three Program Committee members reviewed each submitted paper, and revised versions of the accepted papers were presented at the workshop sessions. After their presentation, some papers were selected to be part of this volume. The authors of these selected papers were then requested to prepare revised versions that took into account the reviewers' comments and further insights gained from the presentation at the workshops. All these revised versions underwent a second stage of review before producing the final version that appears in this volume.

Together, the papers included in this volume demonstrate the vitality of the community and the quality of the work realized in this area.

We thank the Program Committee and reviewers for the fantastic effort they put in the reviewing process, and the authors for submitting their papers.

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