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Preface

Welcome to the proceedings of the 24th International Conference on Principles and Practice of Multi-Agent Systems (PRIMA 2022) held in Valencia and online, during November 16–18, 2022. Originally started as a regional (Asia-Pacific) workshop in 1998, PRIMA has become one of the leading and most influential scientific conferences for research on multi-agent systems. Since 2009, PRIMA has brought together active researchers, developers, and practitioners from both academia and industry to showcase, share, and promote research in several domains, ranging from foundations of agent theory and engineering aspects of agent systems, to emerging interdisciplinary areas of agent-based research. PRIMA’s previous editions were held in Nagoya, Japan (2009), Kolkata, India (2010), Wollongong, Australia (2011), Kuching, Malaysia (2012), Dunedin, New Zealand (2013), Gold Coast, Australia (2014), Bertinoro, Italy (2015), Phuket, Thailand (2016), Nice, France (2017), Tokyo, Japan (2018), Torino, Italy (2019), and Online (2020).

This year we received 100 full paper submissions from 33 countries. Each submission was carefully reviewed by at least three members of the Program Committee (PC) composed of 116 prominent world-class researchers. In addition, 28 sub-reviewers were called upon to review submissions. The review period was followed by PC discussions. At the end of the reviewing process, authors received the technical reviews. PRIMA 2022 accepted 31 full papers (an acceptance rate of 31%), while 15 submissions were selected to appear as short papers, and 1 as a demo paper. In addition to the paper presentations, the conference included three tutorials. Finally, the conference included two invited talks sponsored by EurAI, one by Carles Sierra on the engineering of social values, and the other by Serena Villata on AI at the service of society to analyse human arguments.

We would like to thank all the individuals and institutions that supported PRIMA 2022. Mainly we thank the authors for submitting high-quality research papers, confirming PRIMA’s reputation as a leading international conference in multi-agent systems. We are indebted to our PC members and additional reviewers for spending their valuable time to provide careful reviews and recommendations on the submissions, and for taking part in follow-up discussions. Finally, we thank our sponsors EurAI and the Artificial Intelligence Journal.

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