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Louise A. Dennis · Rafael H. Bordini ·
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Engineering Multi-Agent Systems

7th International Workshop, EMAS 2019
Montreal, QC, Canada, May 13–14, 2019
Revised Selected Papers

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Preface

The International Workshop on Engineering Multi-Agent Systems (EMAS) is intended as a venue for the presentation of results and discussion about the theory and practice of engineering intelligent agents: theories, architectures, languages, platforms, methodologies for designing, implementing, and running intelligent agents.

Despite a substantial existing body of knowledge about the design and development of multi-agent systems (MAS), the systematic development of large-scale and open MAS still poses many challenges. Even though various languages, models, techniques, and methodologies have been proposed in the literature, researchers and developers are still faced with fundamental questions pertaining to their engineering.

The overall purpose of the workshop is to facilitate the cross-fertilization of ideas and experiences from various fields in order to:

- Enhance our knowledge and expertise in MAS engineering and improve the state of the art
- Define new directions for MAS engineering that are useful to practitioners, arising from results and recommendations from different research areas
- Investigate how practitioners can use, or need to adapt, established methodologies for the engineering of large-scale and open MAS
- Encourage masters and PhD students to become involved in and contribute to the area

Like previous editions, the 7th edition of the workshop was co-located with AAMAS (International Conference on Autonomous Agents and Multiagent Systems) which in 2019 took place in Montreal, Canada. The previous editions were held in Stockholm (LNAI 11375), Sao Paulo (LNAI 10738), St. Paul (LNAI 8245), Paris (LNAI 8758), Istanbul (LNAI 9318), and Singapore (LNAI 10093).

In 2019, the EMAS workshop was held as a two-day event. In total, 20 papers were submitted to the workshop and after a double review process, 13 papers were selected for inclusion in this volume. All the contributions were revised by taking into account the comments received and the discussions at the workshop.

Finally, we would like to thank the members of the Program Committee for their work during the reviewing phase, as well as the members of the EMAS Steering Committee for their valuable suggestions and support. We also acknowledge the EasyChair conference management system for its support in the workshop organization process.

March 2020

Louise A. Dennis
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