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Languages, Methodologies, and Development Tools for Multi-Agent Systems

Third International Workshop, LADS 2010
Lyon, France, August 30 – September 1, 2010
Revised Selected Papers

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Preface

This book contains the proceedings of the Third International Workshop on Languages, Methodologies and Development Tools for Multi-agent Systems (LADS 2010), which took place at the Domaine Valpré in Lyon, France, from August 30 to September 1, 2010. As in the previous two editions, this workshop was a part of MALLOW, a federation of workshops on Multi-Agent Logics, Languages, and Organizations.

The LADS 2010 workshop addressed both theoretical and practical issues related to developing and deploying multi-agent systems. It constituted a rich forum where leading researchers from both academia and industry could share their experiences on formal approaches, programming languages, methodologies, tools and techniques supporting the development and deployment of multi-agent systems. From a theoretical point of view, LADS 2010 aimed at addressing issues related to theories, methodologies, models and approaches that are needed to facilitate the development of multi-agent systems ensuring their predictability and verification. Formal declarative models and approaches have the potential of offering solutions for the specification and design of multi-agent systems. From a practical point of view, LADS 2010 aimed at stimulating research and discussion on how multi-agent system specifications and designs can be effectively implemented and tested.

This book is the result of a strict selection and review process. From 11 papers originally submitted to LADS 2010, together with 2 invited submissions, after 2 rounds of reviews we selected 8 high-quality papers covering important topics related to multi-agent programming technology.

We would like to thank all authors, Programme Committee members, and additional reviewers for their outstanding contribution to the success of LADS 2010. We would also like to thank all the sponsors. We are particularly grateful to Olivier Boissier, Salima Hassas, Nicolas Maudet and all the MALLOW Organizing Committee for their technical support and for hosting LADS 2010.

May 2011

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