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Gerhard Goos, Juris Hartmanis, and Jan van Leeuwen

Alexander Keller
Jean-Philippe Martin-Flatin (Eds.)

Self-Managed Networks, Systems, and Services

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Volume Editors

Alexander Keller
IBM T.J. Watson Research Center
P.O. Box 704, Yorktown Heights, NY 10598, USA
E-mail: alexk@us.ibm.com

Jean-Philippe Martin-Flatin
UQAM, Laboratoire de Téléinformatique
Département d'Informatique
Case postale 8888, Succursale Centre-Ville, Montréal, Québec H3C 3P8, Canada
E-mail: jp.martin-flatin@ieee.org

Preface

This volume of the *Lecture Notes in Computer Science* series contains all the papers accepted for presentation at the second IEEE International Workshop on Self-Managed Networks, Systems and Services (SelfMan 2006), which was held at University College Dublin, Ireland on June 16, 2006.

This workshop follows up on a very successful edition that took place last year in Nice, France. The online proceedings of SelfMan 2005 are available at *http://madynes.loria.fr/selfman2005/*.

The objectives of this year's edition were to bring together people from different communities (networking, distributed systems, software engineering, P2P, service engineering, distributed artificial intelligence, robotics, etc.) and cross-pollinate their experience in designing and implementing self-managed networks, systems and services.

We received 51 papers from 21 countries, of which 12 were selected. The acceptance ratio was below 24%. In addition, we selected three work-in-progress papers for short presentations. This one-day event was structured so as to encourage discussions and foster collaborations.

The breadth of the topics presented herein reflects the current interest and developments in this rapidly growing field. It is also a testimony to the promises of self-management to design, operate and manage today's increasingly complex and heterogeneous networks, systems and services.

SelfMan 2006 was co-located with the third IEEE International Conference on Autonomic Computing (ICAC 2006). It was sponsored by the IEEE Computer Society's Task Force on Autonomous and Autonomic Systems (TFAAS) and Technical Committee on Parallel Processing (TCPP), in cooperation with the ACM Special Interest Groups on Operating Systems (SIGOPS) and Artificial Intelligence (SIGART), the IEEE Systems, Man, and Cybernetics Society (SMC), and the IFIP Working Group 6.6 on Management of Networks and Distributed Systems (WG6.6).

The outstanding quality of this workshop's technical program owes a good deal to the members of the Technical Program Committee, who encouraged colleagues in the field to submit papers and devoted much time to review papers. We sincerely thank them, as well as the few external reviewers who also took part in the review process. Finally, we are grateful to the corporate patrons of SelfMan 2006, Cisco and BT, for their generous donations.

New York and Montreal, June 2006   Alexander Keller
                                                  Jean-Philippe Martin-Flatin

Organization

Conference Chairs

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Jean-Philippe Martin-Flatin   *University of Quebec in Montreal, Canada*

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Reviewers

The task of reviewing the papers submitted to SelfMan 2006 was extremely important. It is therefore a great pleasure to thank the additional reviewers listed below for their constructive and detailed comments. Their efforts were key in assuring the high quality of the workshop.

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