Message from the General Chairs

Welcome to the Fourth IEEE International Conference on Self-Adaptive and Self-Organizing Systems (SASO’10). Following the first three editions in Boston, Venice, and San Francisco, this edition takes place in Budapest, the beautiful and lively capital of Hungary.

This year SASO continues its mission of providing the primary interdisciplinary forum for the several fields of research that are interested in aspects of self-adaptation and self-organization, with the focus of applying these concepts to the design of self-* computer systems.

The field is more important than ever, which is underlined highlighted by the topics of the two excellent keynotes we invited. Dirk Helbing will discuss the inherent social aspects of some of today's large scale computer systems, and the fact that self-organizing properties are inherent in such systems. Howard Shrobe will tackle the issue of security, which also demands novel automatic self-* mechanisms in a complex and continuously changing environment.

Participants of the past editions had backgrounds from different disciplines such as physics, biology, complex systems, AI, distributed systems, and so on. This tradition continues this year, which promises lively discussions and further cross-fertilization between research areas.

Organizing the conference has been hard but also rewarding. Fortunately, local and financial matters were handled by Gusztav Hencsey and Eva Thiry, with the help of Eszter Zsigmond from SCOPE Meetings Ltd. Their enormous experience and enthusiasm made these demanding tasks look easy. Robert Ormandi has created an attractive website and carefully kept it up-to-date.

The strong and balanced technical program of the main track was put together by Indranil Gupta, Salima Hassas, and Jerome Rolia, with the help of poster chairs Hartmut Schmeck and Giuseppe Valetto. Thanks to their devoted work, the peer review process was fair, enthusiastic, and highly interactive. Sven Brueckner's contribution to converting these papers into a proceedings volume was essential.

This year's workshop program was managed by Jake Beal, who attracted an interesting set of events. The tutorial program was created by Ron Li and Masayuki Murata.

Without the work of publicity chairs Anwitaman Datta, Paul Robertson, and Martijn Schut, attracting this strong program would have been impossible.

We thank our technical sponsor, Technical Committee on Autonomus and Autonomic Systems for its financial and technical support. In particular, Roy Sterritt was very supportive and helpful throughout the organization process. We also thank ACM SIGOPS and ACM SIGART for cooperating with us. to Robert Laddaga, our industrial sponsors: Raytheon BBN Technologies, and BAE Systems, continue to support us for which we are greatful. We also thank the EU FP7 QLectives project for offering sponsorship and support.

We wish you a pleasant stay in Budapest and an exciting professional event.

Márk Jelasity, University of Szeged and Hungarian Academy of Sciences, Hungary
Janos Sztipanovits, Vanderbilt University, USA
SASO 2010 General Chairs