Workshop Chairs’ Foreword

SASOW 2008

The Second IEEE International Self-Adaptive and Self-Organizing Systems conference 2008 (SASO’08) hosted 5 selected academic workshops and an industrial workshop. The workshops event took place in Venice, Italy, October 20-21st 2008, right before the main conference. The workshops aimed at presenting new emergent topics and applications of self-adaptive and self-organizing systems involving both academic and industrial participants.

The Environment-Mediated Coordination in Self-Organizing and Self-Adaptive Systems (ECOSOA) workshop aimed at studying the role played by the environment in the design of self-organizing systems.

The Pervasive Adaptation workshop (PERADA) focused on defining new challenges and methods to enable systems composed of a multitude of heterogeneous devices to adapt to their dynamic context.

The Self-Adaptation for Robustness and Cooperation in Holonic Multi-Agent Systems workshop (SARC) was dedicated to the study of emergent behaviours and organisations in holonic multi-agent systems.

The Self-Management workshop (SELFMAN) focused on how to decentralize management activities of large networked applications.

The Spatial Computing workshop focused on systems using computational devices distributed through a physical space to solve problems.

Finally, the SASObiz workshop provided a unique opportunity for industrial and academic researchers to meet and discuss issues related to adaptation of complex systems in an applied industrial context. Industrials discussed specific applications and problems and a panel discussion determined the next big challenges of the research in this domain.

These workshops attracted around 100 participants from both academia and industry. They lead to original presentations and fruitful discussions.

This volume contains the proceedings of revised versions of the papers presented at the 5 academic workshops.

We particularly thank the local organizers, the workshop organizers and the publication chair for participating to the management of this event and the production of these proceedings. We also thank all authors and program committees’ members for making this event such a great success.

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November 2008