

6th IEEE International Conference on Self-Adaptive and Self-Organizing Systems



Université de Lyon (France)
10th–14th September, 2012



www.saso-conference.org

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SCOPE

The aim of the SASO conference series is to provide a forum for the foundations of a principled approach to engineering systems, networks and services based on self-adaptation and self-organization. To this end, the meeting aims to attract participants with different backgrounds, to foster cross-pollination between research fields, and to expose and discuss innovative theories, frameworks, methodologies, tools, and applications. The complexity of current and emerging computing systems has led the software engineering, distributed systems and management communities to look for inspiration in diverse fields (e.g., complex systems, control theory, artificial intelligence, sociology, and biology) to find new ways of designing and managing networks, systems and services. In this endeavor, self-organization and self-adaptation have emerged as two promising interrelated facets of a paradigm shift. Contributions must present novel theoretical or experimental results, or practical approaches and experiences in building or deploying real-world systems, applications, tools, frameworks, etc. Contributions contrasting different approaches for engineering a given family of systems, or demonstrating the applicability of a certain approach for different systems are particularly encouraged.

TOPICS

- Theories, frameworks and methods for self-* systems
- Robustness and dependability of self-* systems
- Control of emergent properties in self-* systems
- Biologically, socially, and physically inspired self-* systems
- Management and control of self-* systems
- Design and engineering for self-* systems (self-organization, self-adaptation, self-management, self-monitoring, self-tuning, self-repair, self-configuration, etc.)
- Applications and experiences with self-* systems

OTHER CALLS

Call for Posters:	May 30, 2012
Call for Tutorials:	March 21, 2012
Call for Workshops:	May 1, 2012
Call for Demos/Contest:	June 25, 2012

SUBMISSIONS

Authors are invited to submit original unpublished papers that are neither accepted nor submitted elsewhere. Full papers are limited to 10 pages. Posters are limited to 2 pages. All papers should be formatted using the two-column IEEE Computer Society Conference Formatting Instructions. Authors are kindly reminded of the IEEE policy on publications and the five levels of plagiarism defined by the IEEE. These rules will be strictly enforced. In particular, self-plagiarized papers will be rejected without further ado. All papers should be submitted electronically in PDF format. Please register as authors and submit your papers using the SASO 2012 conference management system. The exact deadlines are at 11:59pm Hawaii time (HST).

MAIN CONFERENCE DATES

Abstract submission:	May 2nd, 2012
Paper submission:	May 9th, 2012
Notification:	June 20th, 2012
Camera ready version:	July 18th, 2012
Early registration:	August 20th, 2012

CONTACT

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