Message from the SASO 2017 General Chair

It is a pleasure, as General Chair of the Eleventh IEEE International Conference on Self-Adaptive and Self-Organizing Systems, to welcome you to SASO 2017.

Following a tradition of alternating venues between the United States and Europe, SASO 2017 is organised in Tucson, Arizona. Past editions have travelled to Boston, Venice, San Francisco, Budapest, Ann Arbor, Lyon, Philadelphia, London, Boston and Augsburg. In Tucson, SASO is hosted at the University of Arizona, a premier academic institution by both national and world standards. Tucson is one of the oldest towns in the United States—celebrating a diversity of cultures, architecture and peoples—while being a modern 21st Century city—the Optics Valley, premier health services centre for the Southwest, the astronomy centre of the world, and a tourism destination.

Since 2014, SASO has also been co-located with ICCAC (International IEEE Conference on Cloud and Autonomic Computing) under the banner of FAS* (Foundations and Applications of Self-* Technology). Since its inception, FAS* has been developing into an exciting and inter-disciplinary event that aims to bring together researchers in self-* computing, with a wide diversity of perspectives, in a unique synergetic forum. It is a pleasure to be able to share our Invited Speakers, as well as our workshops, posters, demonstrations and doctoral symposium sessions, in order to facilitate scientific exchanges and encourage fruitful collaborations.

Following its past decade of exciting scientific contributions, SASO 2017 offers a rich scientific programme, covering a wide range of topics in self-adaptive and self-organising systems, via papers, posters and demo presentations. The accompanying workshops address complementary and inter-disciplinary topics in self-adaptive and self-organising systems, including systems engineering and integration, quality assurance and self-improvement, applications to software, Industry 4.0 and socio-cyber-physical systems.

SASO’s invited speakers for FAS* are Professor Geoffrey West (Santa Fe Institute, USA)—who will discuss *The Simplicity and Unity Underlying the Complexity of Life from Growth and Innovation to Mortality, Sustainability and the Pace of Life in Organisms, Cities and Companies*—and Professor David Garlan (Carnegie Mellon University, USA)—who will focus on the *Human-machine synergy: Bringing humans and autonomy into balance*. The scientific programme will be accompanied by several social networking events, providing delegates with many opportunities to benefit from thought-provoking ideas and interactions.

Certainly, the organization of any event is hugely dependent on the collaborative endeavour of many individuals, and I would like to acknowledge all of them in this respect. In particular, I would like to thank the Program Chairs, Hella Seebach, Peter Lewis and Sam Malek, for their rigorous and professional management of the reviewing process and for overseeing the organisation of the main scientific programme. I would also like to acknowledge all the chairs of the Technical Committee for their key contributions, and prompt and relentless reactivity for developing the overall conference programme: workshop chairs Christopher Frantz and Jeremy Pitt, posters and demonstrations chair Lukas Esterle, doctoral symposium chair Jean Botev, industry and sponsorship chair Jake Beal, publication chair Sven Tomforde, publicity chair Markus Esch, and web chair Alexander Schiendorfer. Special thanks to the SASO Steering Committee for their continued leadership, help and support, and especially to SC chair, Jan-Philipp Steghöfer, for his professional and key interventions. Particular appreciation goes to all the members of the Programme Committee for their timely and useful reviews, and to many of previous year’s organisers, Wolfgang Reif, Hella Seebach, Gerrit Anders, Salima Hassas, Peppo Valetto, Jeremy Pitt and Paul Robertson, for sharing their experience and offering precious insights and material that much facilitated this year’s organisation.
Many thanks are also due to our colleagues from the ICCAC organizing committee who have handled all the crucial aspects of local organization: ICCAC’s general chair Salim Hariri, finance chair Cihan Tunc, local arrangements chair Ali Akoglu, and web chair Youssif Alnashif; as well as all the other technical committee counterparts coordinating the ICCAC scientific programme with SASO. Together they have assembled and administered the development of a thematically-diverse and information-rich scientific program and of the organisational logistics that have brought us all to Tucson.

SASO partners and sponsors deserve great gratitude for their essential support, including the IEEE Computer Society, especially the IEEE Technical Council of Software Engineering (TCSE) chair, Rick Kazman; the industrial sponsors, Axon AI, DOLL, SIFT, Vencore Labs and Raytheon BBN Technologies; and the LTCI laboratory of Telecom ParisTech.

In the name of the entire organizing committee, I truly hope that all SASO 2017 delegates will benefit from an enjoyable and inspirational conference, gain insights and ideas for their research, make new scientific acquaintances and reinforce their social networks. Above all, a conference critically depends on its delegates, and we thank everyone for joining SASO 2017 and FAS* and for making it a memorable and rewarding event.

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*SASO 2017 General Chair*