It is our pleasure to welcome you to the ninth edition of SASO, the IEEE International Conference on Self-Adaptive and Self-Organizing Systems. SASO 2015 is kindly hosted at the Massachusetts Institute of Technology (USA) from the 21st to the 25th of September 2015. We received 47 full submissions this year, a slight reduction from previous editions. The Program Committee, formed by 59 international experts worked hard to thoroughly review and then discuss all the papers, with constructive dialogue taking place between authors and reviewers following the initial reviews. As a result, we accepted 14 full papers, corresponding to an acceptance rate of about 30%. Additionally, shorter versions of four papers, allocated 6 pages in the conference proceedings (instead of 10 pages for full papers), were also accepted for presentation. These short papers present very interesting scientific results, worthy of discussion at the conference but not fully developed at the time of submission. The conference programme also includes a poster session and demo session, submissions to which were reviewed by a separate program committee.

To reflect their general thematic content, the 14 full papers are presented in four sessions: three long sessions of 4 papers and one short session of 2 papers. The first session focuses on Collective Decision Making. All the papers in this session present innovative approaches to coming to collective decisions in a distributed fashion. At the same time, the quality of the solutions is an important issue. While the areas of application are diverse, the underlying concepts can be applied in a variety of self-adaptive and self-organising systems. The second session examines how Learning techniques can improve the performance of SASO systems — effective learning can be a key component in ensuring the long-term viability of self-adaptive and self-organising systems and in realising the many advantages over traditional systems. The final long session covers Engineering and Analysing SASO Systems: the papers in the session illustrate the differences that need to be accounted for compared to traditional applications and are illustrated through a diverse range of settings. The shorter 2 paper session addresses the area of Mobile Robotics, a domain in which self-adaptation and self-organisation play an especially prominent role. The papers in this session illustrate how SASO techniques allow more flexible, robust, and performant solutions in this up and coming domain. The short paper session features a range of work-in-progress posing interesting questions for discussion. It includes diverse topics such as considering Ashbyian homeostasis as non-autonomous adaptation and value-sensitive design.

The highly interactive programme also includes both a poster and demo session, with 8 accepted posters on topics ranging from Citizen-driven flood-mapping in Jakarta to using Social Amoeba Dictyostelium Discoides as an inspiration for swarm robotics. A number of tutorials allow participants to engage with emerging topics such as self-adaptation in the cloud-environment directly. As in previous editions, besides the four sessions devoted to full paper presentations, this years program also features a range of workshops, aiming to incite specialised discussions on leading-edge SASO research topics. Two tutorials will offer a broader perspective on the field. We are pleased to able to once again host established workshops that have previously been run at SASO (FOCAS, QA4SASO, DPSL, SASO\textsuperscript{3T}) as well as welcoming new workshops onboard (SCOPES and DREAM). In addition, the Doctoral Consortium will include presentations from 6 students.

Finally, we would like to express our considerable thanks to everyone who contributed to the organisation of SASO this year. We are of course indebted to the entire Technical Program Committee for their commitment and enthusiasm in all phases of the reviewing process, and for the quality and insight of their reviews. We also thank the Steering Committee and the chairs of previous SASO editions for their feedback on past experiences and general advice along the way, which was extremely helpful. We have also benefited from working closely with the other chairs on the Technical Committee, Howard Shrobe, Julie McCann, Paul Roberston, Dan Cerys, Niranjan Suri, Kyle Usbeck, Frédéric Armetta, Sven Brueckner, Gauthier Picard, Ivan Rodero, Sokratis Kartakis, and Antonio Bucchiarone, who provided a continual and unstinting support during the entire endeavour.