Message from the Chairs

SEAMS 2015

The 10th International Symposium on Software Engineering for Adaptive and Self-Managing Systems (SEAMS 2015) is being held in Firenze, Italy on 18-19 May 2015. Welcome to the proceedings! Many more domains are requiring software systems to be adaptive to changing contexts, environments and requirements, to be resilient in the face of uncertainty and error, and to be composed and managed at run time. SEAMS provides a venue to present novel self-adaptive applications and domains, and to formulate and discuss methods for engineering such systems in a methodical and assurable way.

SEAMS 2015 features two keynote presentations, 16 technical presentations, and 3 presentations of artifacts over two days. The invited keynote speakers are Jeff Kramer (Imperial College London, UK) and Marco Carvalho (Florida Institute of Technology, USA).

This proceedings contains the final versions of the papers accepted for presentation at the symposium. Of the 55 full and position papers submitted for review, 11 full papers and 5 position papers were ultimately accepted. The acceptance rate was therefore 29%. Each paper was thoroughly reviewed by at least three members of the Program Committee. Conflicts of interest were managed seriously, meaning that no one participated in the decision making process for a paper for which they identified a conflict. In addition FOCAS provided a generous prize for the SEAMS 2015 Best Paper award.

For the first time, SEAMS dedicates a special session solely to artifacts that potentially can be used for sharing model problems and comparing self-adaptation approaches. Of 5 such submissions, 3 were accepted for presentation and we hope that they will be a valuable resource for the self-adaptive research community. They are hosted on http://self-adaptive.org. Artifacts were also rigorously reviewed, under the supervision of at least three PC members.

We would like to thank all those who submitted papers and artifacts. Furthermore, we would like to thank the members of the program committee for their work and support in the reviewing process, the members of the local Organizing Committee for ICSE 2015, the volunteers who helped with local organization, the SEAMS publicity chair, Romina Spalazzese, Francesco Gallo for web support, and the two invited speakers. Finally, we would like to thank our sponsors, ACM, IEEE Computer Society, SIGSOFT, TOSE and FOCAS for their support of SEAMS 2015.

May 2015

Paola Inverardi (Conference Chair) and Bradley Schmerl (Program Chair)
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