VALID 2014

Forward

The Sixth International Conference on Advances in System Testing and Validation Lifecycle (VALID 2014), held between October 12 - 16, 2014 in Nice, France, continued a series of events focusing on designing robust components and systems with testability for various features of behavior and interconnection.

Complex distributed systems with heterogeneous interconnections operating at different speeds and based on various nano- and micro-technologies raise serious problems of testing, diagnosing, and debugging. Despite current solutions, virtualization and abstraction for large scale systems provide less visibility for vulnerability discovery and resolution, and make testing tedious, sometimes unsuccessful, if not properly thought from the design phase.

The conference had the following tracks:

- Testing techniques and mechanisms
- Software verification and validation
- System and feature testing

We take here the opportunity to warmly thank all the members of the VALID 2014 technical program committee, as well as the numerous reviewers. The creation of such a high quality conference program would not have been possible without their involvement. We also kindly thank all the authors that dedicated much of their time and effort to contribute to VALID 2014. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations and sponsors. We also gratefully thank the members of the VALID 2014 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope VALID 2014 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the area of system testing and validation. We also hope that Nice, France provided a pleasant environment during the conference and everyone saved some time to enjoy the charm of the city.
VALID 2014 Chairs

VALID Advisory Chairs

Andrea Baruzzo, Università degli Studi di Udine, Italy
Cristina Seceleanu, Mälardalen University, Sweden
Mehdi Tahoori, Karlsruhe Institute of Technology (KIT), Germany
Mehmet Aksit, University of Twente - Enschede, The Netherlands
Amir Alimohammad, San Diego State University, USA
Hema Srikanth, IBM, USA

VALID 2014 Research Institute Liaison Chairs

Juho Perälä, VTT Technical Research Centre of Finland, Finland
Alexander Klaus, Fraunhofer Institute for Experimental Software Engineering (IESE), Germany
Kazumi Hatayama, Nara Institute of Science and Technology, Japan
Alin Stefanescu, University of Bucharest, Romania
Vladimir Rubanov, Institute for System Programming / Russian Academy of Sciences (ISPRAS), Russia
Tanja Vos, Universidad Politécnica de Valencia, Spain

VALID 2014 Industry Chairs

Abel Marrero, Bombardier Transportation Germany GmbH - Mannheim, Germany
Sebastian Wieczorek, SAP AG - Darmstadt, Germany
Eric Verhulst, Altreonic, Belgium