

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

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Mehmet Aksit, University of Twente - Enschede, The Netherlands

Amir Alimohammad, San Diego State University, USA

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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),
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Tanja Vos, Universidad Politécnica de Valencia, Spain

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Abel Marrero, Bombardier Transportation Germany GmbH - Mannheim, Germany

Sebastian Wiczorek, SAP AG - Darmstadt, Germany

Eric Verhulst, Altreonic, Belgium