

Message from the Chairs

It is our pleasure to welcome the reader to the proceedings of the 3rd International Workshop on Requirements Engineering and Testing (RET16) co-located with the 22nd International Working Conference on Requirements Engineering: Foundation for Software Quality (REFSQ 2016) held in Gothenburg, Sweden, 14th March 2016.

RET is an important new area within software engineering that focuses on how RE can interact with Testing and vice versa in order to better support the overall software engineering process, and improve software quality and requirements compliance. While requirements specify the expectations of the stakeholders on a software system, testing should ensure these expectations are met. Indeed, in many areas, such as in the automotive and telecommunications domains, certification of the system functionalities and qualities depends in part on demonstrating that the system has been thoroughly tested with respect to the requirements.

The goal of this workshop is to highlight the importance of this cross-disciplinary research area and to develop a body of knowledge for RET. The workshop provides a forum where researchers from different research communities and practitioners can meet, share ongoing research and together chart a proposed agenda for future research.

RET16 is made possible with the help of 28 reviewers from around the world. We received 6 submissions. Each submission was reviewed by at least 3 reviewers, of which one industry representative. We used EasyChair to manage the process. Based on the reviewers' recommendation and after deliberation of borderline papers, we accepted 5 papers. Four papers were full technical papers, while one was a short position paper.

Baldvin Gislason Bern from the Axis Communications, Sweden, has agreed to give the keynote talk to open the workshop. We anticipate a stimulating and interactive workshop with keynote and paper presentation sessions with ample time for discussion.

Last, but not least, we are most grateful to all the authors for their submissions to RET16, to the invited Program Committee members for their valuable time and effort in reviewing the submitted papers and to the Steering Committee members in providing support and guidance.

Michael Unterkalmsteiner, Gregory Gay, Michael Felderer, Elizabeth Bjarnason, Markus Borg, Mirko Morandini

RET 2016 Organizing Committee

RET 2016 Organization

Organizing Committee

Michael Unterkalmsteiner. General chair. Blekinge Institute of Technology, Sweden
Gregory Gay. Program co-chair. University of South Carolina, USA
Michael Felderer. Program co-chair. University of Innsbruck, Austria
Elizabeth Bjarnason. Co-chair. Lund University, Sweden
Markus Borg. Co-chair. SICS Swedish ICT AB, Sweden
Mirko Morandini. Co-chair. Fondazione Bruno Kessler (FBK), Italy

Steering Committee

Jane Cleland-Huang, DePaul University, USA
Mats Heimdahl, University of Minnesota, USA
Jane Huffman Hayes, University of Kentucky, USA
Marjo Kauppinen, Aalto University, Finland
Per Runeson, Lund University, Sweden
Paolo Tonella, FBK, Trento, Italy

Program Committee

Armin Beer, Beer Test Consulting, Austria
Ruzanna Chitchyan, Leicester University, UK
Myra Cohen, University of Nebraska-Lincoln, USA
Nelly Condori-Fernandez, PROS Research Centre, Spain
Henning Femmer, TU München, Germany
Robert Feldt, Blekinge Institute of Technology, Sweden
Vahid Garousi, University of Calgary, Canada
Joel Greenyer, University of Hannover, Germany
Andrea Herrmann, Herrmann & Ehrlich, Germany
Mike Hinchey, Lero, Ireland
Jacob Larsson, Capgemini, Sweden
Emmanuel Letier, University College London, UK
Annabella Loconsole, Malmö University, Sweden
Alessandro Marchetto, FIAT Research, Italy
Cu Duy Nguyen, University of Luxembourg, Luxembourg
Magnus C. Ohlsson, System Verification, Sweden
Anna Perini, FBK, Trento, Italy
Dietmar Pfahl, University of Tartu, Estonia
Barbara Paech, University of Heidelberg, Germany
Sanjai Rayadurgam, University of Minnesota, USA
Kristian Sandahl, Linköping University, Sweden
Giedre Sabaliauskaite, Singapore University of Technology and Design, Singapore
Hema Srikanth, IBM, USA
Marc-Florian Wendland, Fraunhofer FOKUS, Germany
Magnus Wilson, Ericsson, Sweden
Krzysztof Wnuk, Lund University, Sweden
Dongjiang You, University of Minnesota, USA
Yuan Yuan Zhang, University College London, UK