

# **2015 IEEE/ACM 2nd International Workshop on Requirements Engineering and Testing**

**(RET 2015)**

**Florence, Italy  
18 May 2015**



**IEEE Catalog Number: CFP15A14-POD  
ISBN: 978-1-4673-7074-5**

# Second International Workshop on Requirements Engineering and Testing (RET 2015)

## Table of Contents

Message from the Chairs .....	vii
Committees and Reviewers .....	viii
Sponsors and Supporters .....	x

### Positions on Quality

Aligning Quality Requirements and Test Results with QUPER's Roadmap View for Improved High-Level Decision-Making .....	1
<i>Richard Berntsson Svensson, Björn Regnell — Chalmers University of Technology, Sweden; University of Gothenburg, Sweden; Lund University, Sweden</i>	
Requirement-centric Reactive Testing for Safety-Related Automotive Software .....	5
<i>Anila Mjeda, Mike Hinchey - Lero, Ireland; — Trinity College Dublin, Ireland; University of Limerick, Ireland</i>	
Play-Testing and Requirements Engineering: Implications for Research and Teaching .....	9
<i>Maya Daneva — University of Twente, Netherlands</i>	

### Research and Practice

It's the Activities, Stupid! A New Perspective on RE Quality .....	13
<i>Henning Femmer, Jakob Mund, Daniel Méndez Fernández — Technische Universität München, Germany</i>	
Weekly Round Trips from Norms to Requirements and Tests: An Industrial Experience Report .....	20
<i>Paolo Tonella, Roberto Tiella — Fondazione Bruno Kessler, Italy</i>	

### Envisioned Solutions

Configuring Latent Semantic Indexing for Requirements Tracing .....	27
<i>Sebastian Eder, Henning Femmer, Benedikt Hauptmann, Maximilian Junker — Technische Universität München, Germany</i>	
Towards Automatic Constraints Elicitation in Pair-Wise Testing Based on a Linguistic Approach: Elicitation Support Using Coupling Strength .....	34
<i>Hiroyuki Nakagawa, Tatsuhiro Tsuchiya — Osaka University, Japan</i>	

Visual Requirements Specification and Automated Test Generation for Digital Applications ..... 37  
*Kapil Singi, Vikrant Kaulgud, Dipin Era — Accenture, India*

**Author Index ..... 41**