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Industry Challenges and Research Needs

Requirements Reviews Revisited: Residual Challenges and Open Research Questions

Frank Salger — City of Munich, Germany

Challenges in Balancing the Amount of Solution Information in Requirement Specifications for Embedded Products

Juha Savolainen, Dagný Hauksdóttir, and Mike Mannion — Danfoss Power Electronics, Denmark; DTU, Denmark; Glasgow Caledonian University, UK

Towards a Systematic Requirement-Based Test Generation Framework: Industrial Challenges and Needs

Shokoofeh Hesari, Razieh Behjati, and Tao Yue — Simula Research Laboratory, Norway; University of Oslo, Norway

Why Feature Dependencies Challenge the Requirements Engineering of Automotive Systems: An Empirical Study

Andreas Vogelsang and Steffen Fuhrmann — TU Munich, Germany; BMW, Germany

Elicitation and Requirements Sources

Early Phase Telemedicine Requirements Elicitation in Collaboration with Medical Practitioners

Nekane Larburu, Ing Widya, Richard G. A. Buls, Hermie J. Hermens, and Carlo Napolitano — University of Twente, Netherlands; IRCCCS Fondazione Salvatore Maugeri, Italy

An Industrial Case Study of the Impact of Domain Ignorance on the Effectiveness of Requirements Idea Generation during Requirements Elicitation

Ali Niknafs and Daniel M. Berry — University of Waterloo, Canada

Improving the Quality of Requirements in Practice

The Impact of Requirements on Software Quality across Three Product Generations

John Terzakis — Intel, USA

Requirements Clinic: Third Party Inspection Methodology and Practice for Improving the Quality of Software Requirements Specifications

Shinobu Saito, Mutsuki Takeuchi, Masatoshi Hiraoka, Tsuyoshi Kitani, and Mikio Aoyama — NTT DATA, Japan; Nanzan University, Japan

Using Defect Taxonomies for Requirements Validation in Industrial Projects

Michael Felderer and Armin Beer — University of Innsbruck, Austria; QE LaB Business Services, Austria; Beer Test Consulting, Austria

RE Processes and Tools in Action

Requirements Engineering for the Uganda Police Force Crime Records Management System

Andrew Muyanja, Paul Isaac Musasizi, Catherine Nassimwba, Sandy Stevens Tickodri-Togboa, Edward Kale Kayihura, and Amos Ngabirano — Makerere University, Uganda; Uganda Police Force, Uganda

The Integration of an RE Method and AHP: A Pilot Study in a Large Swiss Bank

Arash Golnam, Gil Regev, Alain Wegmann, and Sofia Kyriakopoulou — EPFL, Switzerland; Credit Suisse, Switzerland

Automatic Extraction of Glossary Terms from Natural Language Requirements

Anurag Dwarakanath, Roshni R. Ramnani, and Shubhashis Sengupta — Accenture Technology Labs, India

Traceability in Practice

An Approach to Carry Out Consistency Analysis on Requirements: Validating and Tracking Requirements through a Configuration Structure

Padmalata Nistala and Priyanka Kumari — Tata Consultancy Services, India

Posters and Demos

Requirements Bazaar: Social Requirements Engineering for Community-Driven Innovation

Dominik Renzel, Malte Behrendt, Ralf Klamma, and Matthias Jarke — RWTH Aachen University, Germany
Panels

Panel: Identifying Top Challenges for International Research on Requirements Engineering for Systems of Systems Engineering
Identifying Top Challenges for International Research on Requirements Engineering for Systems of Systems Engineering
Cornelius Ncube, Soo Ling Lim, and Huseyin Dogan — Bournemouth University, UK

Panel: Ready-Set-Transfer: Technology Transfer in the Requirements Engineering Domain
Ready-Set-Transfer: Technology Transfer in the Requirements Engineering Domain
Jane Cleland-Huang and Smitta Ghaisas — DePaul University, USA; Tata Consultancy Services, India

Panel: Future Directions of the RE Conference and Its Community
Future Directions of the RE Conference and Its Community
Neil Maiden — City University London, UK

Requirements Engineering Conferences: Wither Industry Tracks?
Roel Wieringa, Pascal van Eck, and John Mylopoulos — University of Twente, Netherlands; University of Trento, Italy

A New Paradigm for Applied Requirements Engineering Research
Martin Mahaux and Alistair Mavin — University of Namur, Belgium; Rolls Royce, UK

A Little Rebellion Now and Then Is a Good Thing: Views on the Requirements Engineering Conference
Tony Gorschek — Blekinge Institute of Technology, Sweden

Mini-Tutorials

Top Tips You Can Apply Immediately to Projects: Highlights from the RE’13 Tutorials
Maria Lencastre and Joy Beatty — UPE, Brasil; Seilevel, USA

Winning the Hidden Battle: Requirements Tool Selection and Adoption
Joy Beatty — Seilevel, USA

Practical Applications of i* in Industry: The State of the Art
Eric Yu, Daniel Amyot, Gunter Mussbacher, Xavier Franch, and Jaelson Castro — University of Toronto, Canada; University of Ottawa, Canada; Universitat Politècnica de Catalunya, Spain; UFPE, Brasil
Special Sessions

RE@21 Spotlight: Most Influential Papers from the Requirements Engineering Conference
Martin Glinz and Roel Wieringa — University of Zurich, Switzerland; University of Twente, Netherlands

Creative Collisions: Meet and Create: And Other “RE Interactive” Suggestions
Martin Mahaux and David Callele — University of Namur, Belgium; University of Saskatchewan, Canada

Workshops and Doctoral Symposium at RE’13: The Results: Presentation Session of New Ideas for Researchers and Practitioners Who Weren’t There
Oliver Creighton and Marcos Borges — Siemens, Germany; UFRJ, Brasil

The Requirements Engineering Body of Knowledge (REBoK)
Birgit Penzenstadler, Daniel Méndez Fernández, Debra Richardson, David Callele, and Krzysztof Wnuk — UC Irvine, USA; TU Munich, Germany; University of Saskatchewan, Canada; Lund University, Sweden

Doctoral Symposium

RE 2013 Doctoral Symposium
Ana Moreira and Paul Grünbacher — Universidade Nova de Lisboa, Portugal; JKU Linz, Austria

The Regulatory World and the Machine: Harmonizing Legal Requirements and the Systems They Affect
David G. Gordon — CMU, USA

Evidence Management for Evolutionary Safety Assurance and Certification
Sunil Nair — Simula Research Laboratory, Norway

Visual Analytics for Software Requirements Engineering
Sandeep Reddivari — Mississippi State University, USA

Requirements Negotiation Model: A Social Oriented Approach for Software Ecosystems Evolution
George Valença — UFPE, Brasil