

RE@40

Seminar Program



Monday, April 24

8:45-10:15 Opening, Keynote 1

Opening remarks

Martin Glinz

The Prehistory and History of Requirements Engineering as Seen by Me
Daniel Berry (University of Waterloo, Canada)

10:45-12:15 Focus Talks

Old and New Directions in Requirements Elicitation

Didar Zowghi (University of Technology Sydney, Australia)

Social and Mobile RE

Norbert Seyff (FHNW, Switzerland)

14:00-15:30 Short Talks

RE@40 Greeting Address (video)

Sol Greenspan (National Science Foundation, USA)

Requirements Engineering in the Software Industry

Sjaak Brinkkemper (Utrecht University, The Netherlands)

Contributions of RE Research to Industry

Sarah Gregory (Intel, USA)

Theory-building in RE - the NaPiRE Initiative

Daniel Méndez (Technical University of Munich, Germany)

16:00-18:00 Application-Oriented Focus Talks

RE for the Internet of Things

Pete Sawyer (Lancaster University, UK)

RE in Healthcare & Aging Society

Samuel Fricker (FHNW, Switzerland)

RE for Embedded Systems

Thorsten Weyer (University of Duisburg-Essen, Germany)

20:30-21:30 Open Space

Spontaneous and unscheduled presentations

Tuesday, April 25

8:45-10:15 Keynote 2

The Future of Requirements Engineering

Walid Maalej (University of Hamburg, Germany)

10:45-12:15 Focus Talks

RE for Software Product Lines

Julio Leite (PUC-Rio, Brazil)

Natural Language Requirements

Lionel Briand (University of Luxembourg, Luxembourg)

14:00-15:30 Short Talks

Natural Language Requirements Processing: a 4D Vision

Alessio Ferrari (ISTI-CNR, Italy)

The Automated Requirements Engineer: Utopia or Dystopia?

Fabiano Dalpiaz (Utrecht University, The Netherlands)

Engineer Requirements for Large-Scale Agile and Continuous System Development – Or Not?

Eric Knauss (Chalmers / University of Gothenburg, Sweden)

16:00-18:00 Short Talks

The Twin Peaks of Requirements and Architecture

Mehdi Mirakhorli (Rochester Institute of Technology, USA)

Traceability: What has been achieved and what is ahead

Nan Niu (University of Cincinnati, USA)

Tracing Software from Requirements: A Conceptual Model-based Perspective

Oscar Pastor (Universitat Politècnica de Valencia, Spain)

RE in the Age of ISMACT – Digital Transformation and Disruption

Eric Yu (University of Toronto, Canada)

20:30-21:30 After Dinner Talk, Open Discussion

RE in the Year 1000

Roel Wieringa (University of Twente, The Netherlands)

Open discussion

Wednesday, April 26

8:45-10:15 Focus Talk, RE Projects Showcase

Requirements Engineering in Agile Development
Kim Lauenroth (adesso, Germany)

Presentations of major funded projects in RE
Xavier Franch: Q-Rapids (EU H2020)
Emitzá Guzmán, Norbert Seyff: SUPERSEDE (EU H2020)
Samuel Fricker: Wise-IoT (EU H2020)
More TBA

10:45-12:15 Short Talks

Automatic Runtime Reappraisal of the Weights of Non-Functional Requirements
Nelly Bencomo (Aston University, UK)

Requirements Engineering for Multifunctional Systems
Andreas Vogelsang (TU Berlin, Germany)

How Much RE Do We Need?
Martin Glinz (University of Zurich, Switzerland)

14:00-15:30 Panel

RE Education, Training and Certification
Moderator: Didar Zowhgi (University of Technology Sydney, Australia)
Panelists: TBA

16:15 Social Afternoon

Excursion to Einsiedeln, visit and guided tour of the monastery

19:30 Seminar Banquet

Thursday, April 27

8:45-10:15 Keynote 3

The Human Factor in Requirements Engineering
Donald C. Gause (Binghamton University, USA)

10:45-12:15 Breakout Sessions

Breakout Session Planning

Start of Breakout Sessions

14:00-15:30 Breakout Sessions

The Next Ten Years: Creating a Research Roadmap

16:00-18:00 Breakout Sessions

The Next Ten Years: Creating a Research Roadmap

Friday, April 28

8:45-10:15 Plenary Session

Presentations of breakout session results

10:45-12:15 Fishbowl Panel

Hot and Cold Topics in RE

12:15 Lunch & Closing

Meeting room: Refektorium

Breakout rooms: Zwingli, Marie-Keller (in Haus am See)

Lunch: 12:15 in the Dining Hall ("Klosterkeller")

Dinner: 18:30 in the Dining Hall ("Klosterkeller")

Social Afternoon: Visit of the Einsiedeln Monastery

Banquet: Wednesday 19:30 in the Dining Hall ("Klosterkeller")