



Call for Participation
5th IEEE International Symposium on
Requirements Engineering (RE'01)



August 27-31, 2001
Royal York Hotel, Toronto, Canada
<http://www.re01.org/>

Requirements Engineering (RE) lies at the heart of software development. RE is concerned with identifying the purpose of a software system, and the context in which it will be used. Hence, RE acts as the bridge between the real world needs of users, customers, and other constituencies affected by a software system, and the capabilities and opportunities afforded by software-intensive technologies. RE'01 is the fifth in a biennial series of international symposia on Requirements Engineering. The symposium will provide an opportunity for researchers and practitioners to share ideas and experiences. If you are working in the area of RE, or are just interested in finding out more about the field, we would like to welcome you to join us in Toronto in August 2001.

Program highlights

Keynote addresses by recognized leaders of the field:

- Dr. Pamela Zave**, Technology Advisor, AT&T Laboratories, USA
"Requirements for Evolving Systems: A Telecommunications Perspective"
- Prof. Gene Spafford**, Director, CERIAS, Purdue University, USA
"The Hidden Meta-Requirements of Security and Privacy"
- Prof. Lucy Suchman**, Dept of Sociology, Lancaster University, UK
"Practice-Based Design"
- Dr. Mike Lowry**, Principle Investigator, Automated Software Engineering Group, NASA Ames, USA
"The Role of Validation and Verification in Requirements Engineering"

A technical paper track, with **26 refereed papers** selected from 127 submissions representing 25 countries. The papers describe novel research and experience in Requirements Engineering.

A State-of-the-practice track running throughout the conference, with talks by industrial leaders in RE, including:

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| Ian Alexander, | Merlin Dorfman, | Don Gause, | Anthony Hall, | Ivy Hooks, |
| Michael Jackson, | Hermann Kaindl, | Ron Kohl, | Ben Kovitz, | Brian Lawrence, |
| Linda Rosenburg, | Richard Stevens, | Jeff Voas. | | |

Six tutorials given by academic and industrial researchers and consultants, covering key areas of RE:

- Karen Breitman and Julio Leite**, *"Requirements Elicitation through Scenarios"*
- Daniel Amyot & Gunter Mussbacher**, *"Use Case Maps—Bridging the Gap between Requirements & Design"*
- Michael Jackson**, *"Problem Frames"*
- Anthony Hall & Rosamund Rawlings**, *"Bridging the Gap: from User Needs to Solution Definition"*
- Don Gause**, *"A Requirements Architecture for Assessing Design Risk"*
- Mike Mannion and Hermann Kaindl**, *"Requirements-Based Product Line Engineering"*

Two state-of-the-art mini-tutorials:

- David Parnas**, McMaster University, Canada. *"Systematic Documentation of Requirements"*
- Axel van Lamsweerde**, Université Catholique de Louvain, Belgium. *"Goal-Oriented Requirements Engineering"*

An exhibition with companies offering RE tools, services and publications

Three panel sessions covering hot issues in Requirements Engineering:

- "Extreme RE: What if there is no time for Requirements Engineering?"*
- "Systems or Software: What should the 'S' in SRE stand for?"*
- "Designing for the User: Which method would you choose?"*

Plus: 14 posters highlighting recent developments and novel ideas in the area of Requirement Engineering; Research demos of new requirements tools and prototypes; A doctoral workshop for Ph.D. students working in the area of RE.

For information and registration details, see www.re01.org

Sponsored by:



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