

Message from the Chairs

W elcome to RE'02; Welcome to Essen!

With RE '02 we celebrate

- the 10th anniversary of IEEE International Requirements Engineering conferences and symposium, and
- the foundation of the flagship conference in the area of Requirements Engineering, the **IEEE Intl. Requirements Engineering Conference (RE)** resulting from the unification of the former IEEE Intl. Conference on RE (ICRE) and the IEEE Intl. Symposium on RE (RE).

RE'02 demonstrates that statements expressed by chairs of the first IEEE Intl. Symposium on RE held in 1993 "*the requirements engineering field is healthy*" (S. Fickas and A. Finkelstein), and the chairs of the first IEEE Intl. Conference on Requirements Engineering held in 1994 the need "*for requirements engineering practitioners and researchers to exchange experiences*" (A. Davis, P. Hsia, and C-G. Chung) are still valid:

The requirements engineering field is healthy. The number of submissions received for RE '02 exceeds by far previous submission rates and impressively demonstrates that the RE field is growing! Overall we received over 266 submissions: 204 abstracts for vision and research and experience papers, 34 industrial presentations outlines, 23 tutorial proposals and 6 workshops proposals.

Exchange of experiences between RE practitioners and researchers. We received submissions coming both from the academic world as well as from private organizations. More than one third of the submissions were experience papers out of which high quality papers have been selected with a good potential to help in bridging the technology transfer gap.

The three distinguished keynote addresses, the 49 presentations and the workshops and tutorials preceding RE'02 offer an excellent opportunity for practitioners and researchers to share ideas and experiences, while enjoying the hospitality of the University of Essen.

We hope you enjoy RE '02 and your stay in Essen!

Experience, Research, Vision Papers

There was a broad international spread of the submissions. We received submissions from 28 countries. More than half of the papers originated from Europe (113). The remaining 91 submissions originated from North America (44), Asia (21), Australia (19), South America (5) and Africa (2). Given the number of submission, the RE communities in the USA (36 submissions), Germany (31 submissions), and the UK (28 submissions) seem to be the most active communities around the world. From all submissions received, only two were out of scope.

Experience, Research Papers: The program committee accepted 33 experience/research papers out of the 192 abstract submissions belonging to this category. The paper presentations have been grouped into 11 sessions.

Vision Papers: The vision paper is a novel addition to the RE program. To stimulate discussion each vision presentation will be directly followed by an appointed discussant. We expect that this new type of session will help in the exploration of the RE future. The program committee accepted 3 vision papers out of 12 submissions.

Industrial Presentations

The explicit call for industrial presentations (abstract and talk outline) was intended to increase the submission rate by practitioners – in addition to the experience papers coming from industry.

We received 34 proposals for industrial presentations dealing with descriptions, exploitation, deployment, comparisons, or evaluations of different RE solutions applied in different fields (automotive, telecommunication, embedded systems, information systems, etc.). For the final program, 13 industrial presentations have been selected. The experiences and problems reported in these presentations will stimulate the exchange between industry and research.

Keynote Addresses

We invited three distinguished keynote speakers – each of them representing an important RE field.

John Carroll (Virginia Tech, USA) will address the HCI facet and discuss the most appropriate circumstances under which scenarios are effective in design.

Wojtek Kozaczynski (Rational Software Corporation, USA) will explore the software engineering facet by discussing dependencies between architectures, requirements and risks.

Frank Schönthaler (PROMATIS AG, Germany) will tackle the business process facet emphasizing the importance of risk management in business requirements engineering.

Tutorials and Workshops

The main RE'02 program is preceded by a packed two-day program of tutorials and workshops. Four full-day tutorials and six half days tutorials teach important RE topics. Five RE-related workshops and a doctoral symposium provide a forum for discussing research results and ideas.

Acknowledgements

The preparation of the RE'02 program would have been impossible without the help and support of many people. The role of the program committee (PC) was central in achieving the RE'02 high quality technical program. We are indebted to each PC member for her/his commitment to review about 11 papers and participate in the electronic consensus discussions. Finally, all of them actively participated in the PC meeting held in Essen on April 11th and 12th, 2002.

Special thanks to Michael Goedicke for his continuous support provided at all stages of the RE'02 preparation process and to the local RE'02 committee for doing a great job, namely Stan Bühne, Andreas Froese, Günter Halmans, Erik Kamsties, Sophia Kensbock, Janina Kubon, Carsten Köllmann, Veronika Lennartz, Bernhard Mühlbauer, Sacha Reis, Andreas Reuys, Peter Tröpfner, Uwe Zdun, plus the numerous students who helped to make this event work!

Finally, thanks to Danielle Martin and Anne Jacobs of the IEEE Computer Society Press for the smooth preparation of the RE'02 proceedings.



Sol Greenspan
General Co-Chair



Jawed Siddiqi
General Co-Chair



Eric Dubois
PC Co-Chair



Klaus Pohl
PC Co-Chair