



## Call for Participation: Understanding Requirements in the Global Economy

As software development is now part of the global economy, Requirements Engineering is the key bridge between the customer and supplier. Understanding and translating users' needs into effective solutions has always been vital; however, as development is outsourced, requirements have to reflect cultures and languages and local needs. Furthermore, understanding requirements becomes a collaborative activity across time and space. The IEEE International Requirements Engineering Conference provides the premier international forum for researchers, educators, industrial practitioners and students to present and discuss the most recent innovations, trends, experiences and concerns in the field of requirements engineering.

### Why should you be interested in Requirements Engineering?

**It is about the difficult part of software development - understanding customers' needs and delivering systems people really want**

**It's practical- about user- software engineer communication, methods and tools, and advice on quality improvement for software systems**

**It's key for the global software industry, understanding how to create successful systems world wide**

### Keynote speakers

- **Ivar Jacobsen.** Dr Jacobsen is the creator of 'Use cases' and co founder of the Object oriented design movement, UML and the Rationale Unified Process.
- **Anthony Finkelstein.** Professor Anthony Finkelstein is one of the founders of Requirements Engineering discipline and organised the 1<sup>st</sup> IEEE Symposium on Requirements engineering in 1993. He is a world leading authority on many aspects of RE.
- **Kris Gopalakrishnan.** Kris Gopalakrishnan is President and co-founder of InfoSys, one of the leading software companies in India who are at the leading edge of delivering global software service. Kris is one of the leaders in India's success in off-shore software development.

**RE07 includes Research papers on:** Visions and Innovations; Models, Process and Experience; Collaboration and Quality; RE & Business Alignment; Natural language processing meets RE- Traceability and Quality Assurance; RE, Globalisation and Business; RE Methods and Frameworks; Models, Specification & Verification and Industrial experience paper sessions on papers, **Industrial experience papers on** Agents, Roles and Models; papers Product Requirements and prototyping; Product Line Engineering; Requirements Processes and Management; and RE methods; **Panels on** Requirements Engineering in Aerospace and Defence sector; Requirements Engineering in a Globalised Business Environment and Quality Requirements and their Role in Successful Products and invited **Expert reviews** on Offshore development by Brian Nicolson (Univ of Manchester, UK), and Experience of Requirements Modelling (Connie Heitmeyer, US Navy).

### Workshops

Seven workshops will be held on Monday-Tuesday 15-16<sup>th</sup> October in conjunction with RE'07: **CERE-07** – Comparative Evaluation in RE, theory, methods, empirical studies; **CSDRE-07** – Computer-Supported Distributed RE, globalization, offshore RE; **REET-07** – Requirements Engineering Education and Training **REV-07** – RE Visualization of models, process, domains; **RHAS-07** – Requirements for High-Availability Systems, safety critical, complex engineering applications; **SOCCEER-07** – Service-Oriented Computing: Consequences for RE, reuse, web services; **SREP-07** – Situational RE Processes: Tailoring RE Processes to the Global Context. Workshop paper submissions are still open– see workshops page on conference web site for dates and details: <http://www.re07.org/workshops>

### Tutorials

Eight half-day tutorials will be held on Monday and Tuesday: Empirical Research Methods in RE; RE in a Software Platform Group for Multiple Product Families; A Better Requirements Process; Requirements Traceability for Globally Distributed Teams; System Requirements Reuse Based on Variability Management; Engineering Safety- and Security-Related Requirements for Software-Intensive Systems; Aspect-Oriented RE with Scenarios; Developing Eng. Reqs. for Medical Devices using a Global Outsourcing Model. For more information see conference website for details or contact Pete Sawyer ([p.sawyer@lancaster.ac.uk](mailto:p.sawyer@lancaster.ac.uk)).

### Posters, Demos and Exhibits

**Posters** present late-breaking research or work in progress which may be augmented with a video of an ethnographic study or with examples of the use of rich media in requirements engineering, including requirements visualizations, multimedia requirements documents, scenarios, storyboards and vision/concept materials. **Demos** provide the opportunity for research teams and vendors to demonstrate their prototypes or tools, including the opportunity to gain hands-on experience with these technologies or interactively demonstrate how to use popular requirements engineering techniques.

### Doctoral Consortium

The RE'07 Doctoral Symposium is a one-day closed workshop that gives doctoral students the opportunity to present their research and receive feedback in a constructive and international atmosphere. A panel of leading researchers give feedback on presentations and discuss students' research directions.

### Sightseeing and Cultural Programs

The Habitat World centre provides excellent facilities with an environment of Indian culture, with many cultural programs in the evening. October in Delhi is the best time to come to India, pleasantly warm and sunny. Delhi offers first class hotel and tourism opportunities. RE'07 will arrange with some tour operators to provide delegates with pre- and post-conference sightseeing tours.

For more information and conference registration visit <http://www.re07.org>

#### Organisers



IIT Kanpur



IIT Delhi



SIGSE of CSI



Manchester Business School

#### Corporate Sponsors

