



## Call for Papers

### Important Dates

#### Submission deadline (extended)

January 1<sup>st</sup> 2007

#### Notification of acceptance

February 19<sup>th</sup> 2007

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*University of Heidelberg*

#### Programme Chair

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Requirements engineering (RE) is as integral to the assurance of software quality now as it was when the first REFSQ took place in 1994. Compared to 1994, our understanding of RE has improved, while newer and better methods and tools are available to practitioners. At the same time, however, new challenges have emerged. These include increased economic pressures on developers and customers and the pace of change caused by new technologies and new application domains. Meanwhile, many old problems stubbornly resist attempts to solve them. We still make poor trade-offs between incompatible requirements; we still struggle to derive appropriate software architectures from requirements; and too many ambitious development projects still end in recriminations instead of useful software. Against this background, REFSQ'07 seeks reports of innovative work in RE that enhances the quality of software and systems, particularly where challenged by new development paradigms or technologies. We encourage researchers and practitioners from the RE, software engineering, information systems, and embedded systems fields to present original work. Contributions from cognate areas such as formal methods, systems engineering, economics and management and social sciences are very welcome for the insights they provide in RE.

### RE and innovation in software engineering

We encourage submissions on any aspect of RE but we particularly welcome submissions that address how RE is affected by or affects innovations such as:

- Service-oriented computing
- Model-driven development
- Software product lines
- Aspect-oriented software development
- Adaptive and autonomic systems
- Situational and domain-specific RE

Case studies, experience reports and industrial problem statements are particularly encouraged.

### Working conference format

REFSQ has a long tradition of being a highly structured and interactive forum and this remains as we make the transition to a working conference. What has changed is that attendance of REFSQ is no longer restricted to paper authors, although we will restrict numbers to encourage the active participation of all attendees. The working language is English.

### Submissions

Three types of paper are solicited: **full papers** (15 pages max, 12 recommended), **position papers** (6 pages max) and **industrial problem statements** (6 pages max). See <http://www.refsq.org> for details about format and evaluation criteria. Submission is handled electronically through the REFSQ web site.

### Publication

The REFSQ'07 **proceedings** will be published by Springer-Verlag as a **special volume of Lecture Notes in Computer Science**.

