

Call for Papers

Requirements Engineering (RE) is the branch of systems engineering concerned with the real-world goals for, functions of, and constraints on software-intensive systems. It is also concerned with how these factors are taken into account during the implementation and maintenance of the system, from software specifications and architectures up to final test cases. RE requires a variety and richness of skills, processes, methods, techniques and tools. In addition, diversity arises from different application domains ranging from business information systems to real-time process control systems, from traditional to web-based systems as well as from the perspective being system families or not.

Topics of submissions may include, but are not limited to:

- domain specific requirements engineering
- prioritising and agreeing on requirements
- business case, case studies and experience reports
- requirements evolution
- requirements driven change management
- requirements engineering education
- application and extensions of UML
- tool support for RE, including light weight and web-based tools
- goal, scenario and model-based RE
- prototyping, animation and simulation
- handling of quality requirements
- interplay of requirements and architecture
- detection of requirements violations/contradictions
- requirements engineering for product families
- requirements management and traceability
- requirements elicitation techniques
- cognitive, social, political and cultural factors in RE
- linking business and technical requirements

To increase industrial contributions and to provide a forum for exchanging practical experiences and problems as well as research results we invite four types of contributions:

Experience papers (including case reports, success and failure stories and empirical studies) must clearly present lessons learned that are of interest and benefit to a broad audience of researchers and practitioners. They should not exceed 8 proceedings pages.

Research papers must clearly present an original contribution to the state-of-the-art or practice. Research papers should not exceed 8 proceedings pages.

Vision papers should state industrial challenges or future research plans and directions and should provoke discussions. They will undergo a separate review process. Vision papers should not exceed 4 proceedings pages.

Industrial presentations about experience and problem statements. Submissions in this category should include a one page abstract and a presentation outline not exceeding four pages. The abstract of accepted presentations will be published in the proceedings. The talk outline and/or slides will be published in a separate proceeding.