Call for Contributions

In 2012, the 28th edition of ICSM will be held in Riva del Garda, Trento, Italy. ICSM is the premiere international venue in software maintenance and evolution, where participants from academia, government, and industry meet and share ideas and experiences for solving critical problems in software evolution.

Research papers should describe original and significant work in the research and practice of software maintenance and evolution. Empirical studies such as case studies, experiments and experience reports are welcome. Papers must not have been previously accepted for publication nor concurrently submitted for review in another journal, book or conference/workshop. Research papers must be in IEEE CS Proceedings style and are limited to 10 pages. Accepted papers will be published in proceedings published by the IEEE Computer Society.

Topics of interest include but are not limited to:

- Reverse engineering and re-engineering
- Program and system comprehension
- Static and dynamic analysis
- Concept, feature and aspect location
- Clone, similarity and code provenance
- Software migration and renovation
- Mining software repositories
- Change and defect management
- Maintenance and evolution processes
- Maintenance and reengineering of business models
- Run-time evolution and update
- Empirical studies in software maintenance and evolution
- Testing, only in relation to maintenance (i.e., regression testing)

Authors of selected papers from the research track will be invited to submit extended versions of their work to a special issue of the Empirical Software Engineering (EMSE) journal edited by Springer.

Besides technical papers, ICSM 2012 encourages the submission of contributions to the other tracks: Early Research Achievements (ERA), Doctoral Symposium, Industry Track, Tool Demonstrations, Tutorials. Details will be announced soon.

We look forward to receiving your submissions and seeing you in Riva del Garda – Trento in September, 2012!

Important dates (research track)

- Abstract submission: 15 April, 2012
- Full paper: 20 April, 2012
- Notification: 20 June, 2012
- Camera ready: 13 July, 2012