



**CALL FOR PAPERS**  
**The 12<sup>th</sup> European Conference on**  
**Software Maintenance and Reengineering**  
**(CSMR)**

**Developing Evolvable Systems**  
**April 1-4, 2008**  
**Athens, Greece**

**Important Due Dates**

Research Papers  
**October 19, 2007 (abstracts)**  
**November 2, 2007 (papers)**

Doctoral Symposium Papers,  
Industrial Track Papers, Tool  
Demonstration Papers,  
Workshop Proposals  
**November 16, 2007**

Notification of Acceptance  
**December 18, 2007**

**Organizing Committee**

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**Call for Papers**

This is a call for technical research papers, working session proposals, and tool demos to be considered for the upcoming 12<sup>th</sup> European Conference on Software Maintenance and Re-engineering (CSMR 2008) that will be held on April 1-4, 2008 in Athens, Greece.

The European Conference on Software Maintenance and Reengineering (CSMR) is the premier European conference on the theory and practice of maintenance and evolution of software systems. CSMR promotes discussion and interaction among researchers and practitioners about the development of maintainable systems, and the evolution, migration and reengineering of existing ones. CSMR 2008 will host up to ten research paper session tracks, up to four workshop session tracks, one industrial session track, tool demonstrations, and a doctoral symposium session track. CSMR 2008 will be held in Athens, Greece where participants will not only enjoy an exciting conference but will also have the opportunity to visit and explore one of the most vibrant European cities. CSMR is supported by the Reengineering Forum. The proceedings of the papers will be published by the IEEE Computer Society Press. Authors of best papers will be invited to submit an extended version of their paper to be considered (after an additional reviewing process) for publication in a CSMR special issue at the *Journal of Software Maintenance and Evolution*.

**Technical Papers:** Papers must be of original work and are limited to 10 proceedings pages (approximately 6000 words). Details on the submission process will be posted soon. Please refer to the CSMR 2008 conference site that can be accessed from [www.csmr.eu](http://www.csmr.eu), for submission information details.

**Industrial Track Papers:** Papers must discuss industrial practice and experience, describing problems (and their solutions) encountered in the evolution of huge industrial software applications and can be short papers (2 proceedings pages).

**Doctoral Symposium Papers :** The Doctoral Symposium track is for those who are currently working on or who have recently completed (i.e., since January 2007) their PhD thesis. The papers should be a 4-page summary of their research.

**Workshop Sessions:** The Workshop Session proposals should be 2-3 pages long and should include the names and affiliations of the organizers, a description of the discussion topic, the intended audience, and the proposed format of the session. Once the proposal is accepted the organizers should submit a two page *workshop session paper* describing the nature of the workshop area, related work, and its anticipated impact. The workshop session paper will be part of the CSMR proceedings.

**Tool Demonstration Track Papers:** Tool demonstration track papers should be 2-3 pages long and should include information on the theory, models, and infrastructure of the demonstrated tool. Challenges related to the use and adoption of the demonstrated tool should also be included.

**Paper Submission:** Technical papers should be submitted in Adobe Acrobat (PDF) format via electronic submission at the conference submission site <http://www.easvchair.org/CSMR08/>. For all other track papers please refer to the Web site. We invite technical papers, working sessions, and tool demonstrations on, but not limited to, the following topics:

Tools and methods for designing and implementing evolvable systems	Empirical studies in software re-engineering, maintenance, and evolution
Software architecture evolution	Software maintenance and re-engineering economics
Model Driven and formal methods to support software evolution and maintenance	Evaluation and assessment of reverse engineering and re-engineering tools
Techniques and models for software analysis and comprehension	Evolution of object-oriented frameworks, component based and, network-centric software systems.
Experience reports on maintenance and re-engineering of large systems	Analysis and re-engineering of multi-language multi-platform systems
Process models for software maintenance and evolution	Education related issues to evolution, maintenance and re-engineering