

15th European Conference on Software Maintenance and Reengineering

March 1-4, 2011, Oldenburg, Germany
<http://se.uni-oldenburg.de/csmr2011>

The Conference on Software Maintenance and Reengineering (CSMR) is the premier European conference on the theory and practice of maintenance, reengineering and evolution of software systems. CSMR promotes discussion and interaction among researchers and practitioners about the development of maintainable software-intensive systems, and the evolution, migration and reengineering of these systems.

CSMR 2011 will feature up to 10 technical research paper sessions, full-day and half-day workshops, half day tutorials, an industry paper track, a tool demonstration track, a doctoral symposium and a special track on European research projects within the field of software evolution. What is new this year is the addition of an industrial forum, enabling companies to present their technologies (tools, methodologies, services) as well as success stories in software maintenance and reengineering. The goal of this forum is to promote the work of the reengineering industry and to demonstrate its practical relevance to this field. The following tutorials will take place as part of this forum:

- E. Juergens, F. Deissenboeck, B. Hummel: "Code Clone Detection in Practice"
- J. Knodel: "Rapid Architecture Evaluation (RATE)"
- R. Koschke: "Stopping Software Erosion with Static Analysis"
- H. Sneed: "The Automatic Transformation of COBOL and PLI programs in Java"

For all types of solicited submissions, the topic should be of direct interest to the maintenance and reengineering community. A non-limitative list of such topics is given below:

- Tools, formalisms and methods supporting the evolution of software systems, software architectures and software models
- Methods and techniques to assess, enable, improve and certify maintainability and evolvability of software intensive systems
- Techniques and approaches for software analysis, comprehension, and reconstruction
- Process models for software maintenance, reengineering, and evolution
- Experience reports on maintenance and reengineering of large-scale systems
- Empirical studies in software reengineering, maintenance, evolution and renovation
- Evaluation, assessment and benchmarks of reverse engineering and reengineering tools
- Education-related issues to evolution, maintenance and reengineering
- Language support for software maintenance and evolution
- Migration and evolution in emerging paradigms (SOA, cloud, AOP, multi-core computing and the like)

Technical Research Papers: Research papers should describe original and significant work in the research and practice of software maintenance, evolution, reengineering and renovation. Theoretical results, case studies, tool development, empirical research and experiments are particularly welcome. The best paper will be awarded by the European Research Consortium for Informatics and Mathematics, Working Group on Software Evolution.

Workshop Proposals: Proposals for half-day or full-day workshops related to the themes of the main conference are solicited.

Industrial Papers: The industry track papers should discuss industrial practice, collaboration between industry and academia, and experience reports describing problems (and their solutions) encountered in real applications.

Doctoral Symposium Papers: The doctoral symposium offers PhD students the opportunity to discuss their work with renowned researcher and practitioners. We solicit submissions from ongoing PhDs having settled the dissertation topic and defined the research agenda.

European Project Papers: The European Projects track provides an opportunity for researchers involved in ongoing or recently completed European research projects (both national and international) related to the themes of the conference to disseminate the objectives, deliverables, or outcome of these projects. At the same time, it allows the CSMR participants to get a better insight into the research projects currently carried on in Europe within the fields of software maintenance and reengineering.

IMPORTANT DATES

TECHNICAL PAPERS

October 15, 2010 (abstract submission)
October 22, 2010 (full paper submission)
November 29, 2010 (notification)

WORKSHOPS

October 1, 2010 (proposal submission)
October 8, 2010 (notification)

DOCTORAL SYMPOSIUM, EUROPEAN TRACK, AND

INDUSTRIAL TRACK

November 12, 2010 (submission)
December 13, 2010 (notification)

ORGANIZING COMMITTEE

GENERAL CHAIR:

Andreas Winter, University of Oldenburg

PROGRAM CHAIRS:

Yiannis Kanellopoulos, SIG
Tom Mens, University of Mons

EUROPEAN TRACK:

Andrea de Lucia, Universita di Salerno

DOCTORAL SYMPOSIUM:

Jens Knodel, Fraunhofer IESE Kaiserslautern

INDUSTRY CHAIR:

Christos Tjortjis, University of Ioannina

WORKSHOP CHAIR:

Volker Riediger, University of Koblenz

TOOL DEMONSTRATION AND INDUSTRY FORUM:

Christian Zillmann, OFFIS

TUTORIAL CHAIR:

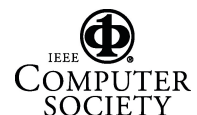
Nils Goede, University of Bremen

PUBLICATION CHAIR:

Jan Jelschen, University of Oldenburg

FINANCE CHAIR:

Elliot Chikofsky, Reengineering Forum



Reengineering Forum



Technical Council on Software Engineering



Software Improvement Group



INSTITUTE FOR INFORMATION TECHNOLOGY



Working Group on Software Evolution



SOFTWARE QUALITY SYSTEMS



FRONTENDART

The CSMR 2011 proceedings will be published in IEEE Digital Library. Details on the submission process can be found on the conference web site. We will invite extended versions of the best selected CSMR 2011 papers for inclusion in a special issue of the Journal of Software Maintenance and Evolution (JSME).