The European Conference on Software Maintenance and Reengineering is the premier European conference on the theory and practice of evolution, maintenance and reengineering of software systems. The theme of this year's conference will be "Maintaining for Integration".

Keynotes
Professor Gerardo Canfora, RCOST
Professor Nic Holt, Fujitsu Services

Background
The nature of the maintenance process is transforming from traditional modification of source code to a more complex process involving the integration and embedding of legacy systems into new or enhanced systems. This transformation is driven, in part, by increased business pressure, requiring systems to evolve in shorter timescales, but with increased quality and reliability. This approach will result in new and different maintenance and reengineering challenges, for example in the need to integrate extremely rapidly with components and databases as yet unforeseen.

We solicit contributions on the above themes, or general matters of interest to the community. The topics of interest include, but are not restricted to:

- Evolution, maintenance and reengineering
- Experience reports (successes and failures)
- Formal methods to support evolution, maintenance and reengineering
- System assessment for evolution, maintenance and reengineering
- Migration, wrapping and interfacing legacy systems
- Data reengineering
- Reverse engineering of embedded systems
- Web-site evolution, maintenance and reengineering
- Migration towards Web-services
- Evaluation and assessment of reverse engineering tools
- Integrating COTS components
Submissions
Two types of submissions will be accepted: full length papers (not exceeding 4000 words in length and including a 150-200 word abstract) and short papers (not exceeding 2000 words in length and including a 75-100 word abstract). The official language is English. Authors are requested to submit electronically a PostScript or PDF version of their papers through the Cyberchair system on the conference website. At least one author of each accepted submission must register and present the paper at the conference. The Programme Committee will select the best paper of the conference and a prize will be awarded for the winner during a formal presentation in Manchester at CSMR 2005.

Special Sessions
Proposals for sessions of special interest, workshops, and tool demonstrations are welcomed. Please send suggestions to the programme chair before the submissions closing date, indicating the type of session, expected number of participants, organisers’ contact details etc.

The conference will include a Doctoral Symposium for those who are currently working for or who have recently completed (i.e. since 1st October 2003) their doctorate. Submissions to this session will be reviewed separately from the main conference submissions and should not exceed four pages in proceedings format. Accepted submissions will be published in the proceedings.

The conference will also include a Tools Demonstration session. Submissions to this session will be reviewed separately from the main conference submissions and should not exceed one page in proceedings format. Accepted submission will be published in the proceedings.

Important Dates (firm deadlines)
Authors’ notification: November 26, 2004
Camera-ready papers due: January 7, 2005

More Information
For further information please visit the conference website
http://www.rcost.unisannio.it/csmr2005, or contact the Programme Chair.

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Reengineering Forum (REF)
School of Informatics, University of Manchester (currently Dept of Computation, UMIST)

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