EUROMICRO

27th EUROMICRO CONFERENCE

EUROMICRO WORKSHOP ON SOFTWARE PROCESS AND PRODUCT IMPROVEMENT
Warsaw, Poland, September 4th–6th, 2001

Call for papers

In today's competitive world the quality of software products is a key to economic success and stability. This workshop concentrates on approaches to improve the quality of software products, particularly by improving the maturity of the development process. Suggested areas of interest include, but are not restricted to:

- Software process assessment and improvement
- Quantitative models for development processes and products
- Distributed software development and virtual enterprises
- Use and usefulness of quality standards for software products and processes
- Methods for modelling and enacting software processes
- Verification and validation of software products
- Methods and tools
- Experiences and case studies in above areas

The framework of the workshop will contain sessions with a special focus:

- *The role of requirements*: Techniques, methods and tools for improving the requirements engineering process
- *Component-based software development*: Assumptions, methods, processes, and technology for the success of component-based software development
- *Dependability of software systems:* Methods and approaches advancing the reliability, availability, safety and security of software systems
- *Organisational and business views to process improvement:* Challenges for and pitfalls of software process improvement from the organisational business perspectives: Organisational and business drivers for quality improvement, management of improvement programs, analysis of the effects of improvement actions
- *Software engineering standards*: Research studies and industrial experience on the development and use of standards in all aspects of software engineering, tools that support standards, use of standards in education/training, integration and use of standards in related disciplines

We encourage submissions demonstrating the potential of new approaches by providing case studies, experiments, and quantitative data. The applicability of approaches to small software organisations or development teams is of special interest.

Submission of papers

Prospective authors are encouraged to e-mail a PDF, Postscript or Word version of their full paper to euromicro2001@sea.uni-linz.ac.at. If electronic submission is not possible, four copies of the full paper should be sent by post to the programme chair at the address shown.

Papers should not exceed 4000 words and include an abstract of up to 150 words. A cover page should clearly show the name, mailing address, e-mail address and fax number of the author to contact, as well as the topic areas of the submitted paper. In order to conduct a blind review by peers, no indication of authors of the submitted paper should appear in the rest of the paper, including bibliographical references (there, author names should be substituted by a dash).

The following signed statement should be included on the cover page: *"Neither this paper nor any version close to it has been or is being offered elsewhere for publication. All necessary clearances have been obtained for the publication of this paper. If accepted, the paper will be made available in Camera-ready forms by June 15th, 2001, and it will be personally presented at the EUROMICRO 2001 Conference by the author or one of the co-authors. The presenting author(s) will pre-register (full fee) for EUROMICRO 2001 before the due date of the Camera-ready paper."*

The proceedings will be published by the IEEE Computer Society.

Special sessions

Proposals for special sessions or panels are welcome. Please send suggestions to the program chair before October 15th, 2000. Submission and reviewing of special session papers will follow the same procedures as for regular papers.

Updated information
See the EUROMICRO WWW:
http://www.euromicro.org
or directly the conference pages:
http://www.elet.polimi.it/em2001
and the workshop website at:
http://www.sea.uni-linz.ac.at/EM2001