

First Announcement and Call for Participation

Workshop on Software Engineering Education and Reverse Engineering

Novi Sad, Yugoslavia, September 24 - 29, 2001

Organizer

Institute of Mathematics
Faculty of Science, University of Novi Sad
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Background

The workshop is supported by the DAAD (German Academic Exchange Services) with participants from four countries (Bulgaria, Macedonia, Germany, and Yugoslavia) and seven universities (Berlin, Belgrade, Kragujevac, Niš, Novi Sad, Plovdiv, and Skopje).

This meeting is conducted under the auspices of 'Stability Pact for South Eastern Europe' aimed at the improvement of educational and scientific conditions of countries in that region.

Goals

- An exchange of ideas in the field of SE (software engineering) education in a general computer science curriculum.
- The introduction of compatible SE courses at each of the universities.
- Discussion on cooperative and distributed software engineering and reverse engineering project activities.
- The usage of XCTL system as a case study to be accessed by different parties. This system is a real-life software system used in experimental physics which is being renovated in students' projects at Humboldt University, Berlin.
- Discussion about a cooperation in the research subject of "joint software development / software re-engineering over the Internet"

Preliminary Time-table

September 24. Overview of Computer Science program (Curriculum) at each of the universities, special emphasis on software engineering. Preparing a joint course on SE.

September 25. Software projects in educational environment

as well as any other software project experiences.

September 26. Possibilities to establish a joint reverse engineering project (distributed software development) with XCTL as a case study. XCTL demonstration and project experience.

September 27. Distributed software projects over the Internet, based on re-engineering and XCTL case study. Problems: the separation of subproblems, a rigorous test regime, test simulation environment, tool development, version control, Web repository, specification documents in English language, tutorial, student works: master theses ...

September 28. Summary and future work. Assigning sub-tasks to distributed groups.

Program Committee

- Dr. Klaus Bothe, Institute of Informatics, Humboldt University, Berlin, Germany
- Dr. Zoran Budimac, Institute of Mathematics, University of Novi Sad, Novi Sad, Yugoslavia

Call for Participation

Although the workshop program and workshop participants are already established by the program committee and participating institutions, there is still room for additional participants and talks.

- The number of participants is limited.
- There is no workshop fee, nor workshop proceedings.
- All potential participants should contact Zoran Budimac (workshop contact person) and give enough details about the reasons and goals of possible participation.
- Talk proposal should be in accordance with following topics:
 - # Experience in SE education
 - # Software projects at universities and in other environments
 - # Distributed software projects (e. g. over the Internet)
 - # Software tools: for metrics, test, re-engineering, SE methods (for requirements specification, design, test ...), e. g. use cases, UML, functional testing ...
 - # Distance learning
 - # SE as a part of other lectures in the field of Computer Science
 - # Experiences in using and experimenting with XCTL