CALL FOR PAPERS and other Session Proposals

The Conference on Software Maintenance - 1985 (CSM-85) will gather software managers, maintainers, developers, and researchers to discuss new solutions to the continuing challenge of software maintenance and software maintainability. CSM-85 will acquaint managers and practitioners with current advances and researchers with current needs.

SPONSORS:
- Association for Women in Computing (AWC)
- Data Processing Management Association (DPMA)
- IEEE Computer Society - TC on Software Engineering
- National Bureau of Standards (NBS)
- SIGSMA - Special Interest Group on Software Maintenance

In Cooperation With:
- ACM/SIGSOFT - Special Interest Group on Software Engineering

SCOPE AND PURPOSE:
Software maintenance is the enhancement, restructuring, and correction of software in production use. CSM-85 will provide a forum for discussing software maintenance, distilling current experience, and highlighting promising approaches, through presentations of refereed papers, question and answer sessions, panel sessions, caucuses (informal group meetings), and possibly tool demonstrations and vendor exhibits. The conference is open to all who are interested in software maintenance: professionals and researchers, from industry, government, and academia.

IMPORTANT DATES:
- Submission Deadline: February 1, 1985
- Acceptance Notification: April 26, 1985
- Final Version Due: July 8, 1985

SUGGESTED TOPICS:
- Paper, panel session, and caucus proposals related to, but not limited to, the following topics are invited:
  - Controlling Software Maintenance
  - Software Maintenance Careers
  - Case Studies - Successes and Failures
  - Configuration Management
  - Maintenance of Distributed Systems
  - Debugging Code
  - Developing Maintainable Systems
  - Software Maintenance Documentation
  - Maintenance of Embedded Systems
  - Software Maintenance Education
  - End-User Software Maintenance
  - Software Maintenance Environments
  - Software Maintenance Error Distribution
  - Software Evolution
  - Maintenance of Hybrid Systems
  - Management of Software Maintenance
  - Software Maintenance Metrics
  - Maintenance of Software Packages
  - Software Maintenance Practices
  - Prototyping and Software Maintenance
  - Maintenance of Real-Time Systems
  - Software Retirement/Conversion
  - Tools for Software Maintenance
  - Technology Transfer
  - Testing Software Maintenance Changes
  - Understanding the Software Maintainer

INFORMATION FOR AUTHORS:
Submit 5 copies of the paper (double spaced). Papers should be 1000-5000 words in length. The first page must include: title and maximum 250 word abstract of the paper, all authors' names, affiliations, complete mailing addresses, and telephone numbers; and a statement of commitment that one of the authors will present the paper at the conference if the paper is accepted.

Panel session proposals (5 copies) must include: session title and maximum 200 word description; name, affiliation, mailing address and telephone number of the organizer; and a list of 3-5 potential panelists.

Submit papers and panel session proposals to:
Roger Martin (CSM-85)
National Bureau of Standards
Bldg 225 Room B266
Gaithersburg, MD 20899

Proposals for activities other than presentations of papers (e.g., caucuses, workshops, tool demonstrations, vendor exhibits, etc.) should be sent to the Caucus Chair, Wilma Osborne, at her address below.

CONFERENCE COMMITTEE

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The First Software Maintenance Conference was held in February 1985 in Washington, DC. The second conference was held in 1986 in San Francisco, CA. The third conference was held in 1987 in St. Louis, MO. The fourth conference was held in 1988 in Rome, Italy. The fifth conference was held in 1989 in Atlanta, GA. Each conference has been held in a different city, and each has had a different theme. The sixth conference will be held in 1990 in a city to be announced.