CALL FOR PAPERS

Software Maintenance Workshop

Naval Postgraduate School
Monterey, California
6-8 December 1983

Scope and Purpose of Meeting

This will be the first conference ever held which is exclusively concerned with software maintenance—that often neglected but nonetheless critical and costly phase of the software life cycle. The workshop is open to all who are involved with or have an interest in software maintenance: practitioners, theoreticians, and professionals from industry, government and academia. International in scope, the workshop has representatives from Asia and Europe and welcomes attendance and contributions from international as well as national participants.

Topics of Interest

• Definitions and Scope of Software Maintenance
  (What is it and what does it encompass?)

• Approaches for Providing Maintainable Software
  — High level, problem oriented languages
  — Program generators
  — Purchased software
  — Designing software with maintenance in mind
  — Standards and specifications
  — Verification and validation

• Software Maintenance Practices
  — Maintenance Practices in the Absence of Specifications and Other Documentation!

• Tools for Software Maintenance

• Testing Methodologies
  (for providing maintainable software)

• Management of Software Maintenance
  — Maintenance management techniques
  — Motivation and retention of maintenance personnel
  — Changing management and employee perceptions of maintenance and of the personnel who do maintenance
  — Establishing bridges between theory and practice
  — Configuration management and change control

• Software Maintenance Documentation
  — Handbooks
  — Guidebooks

How to Submit Paper Digests

Please send six copies (in English) of a paper digest (1000 words maximum) by July 1, 1983 to:

Professor Norman Schneidewind
Chairman
Code 545c
Naval Postgraduate School
Monterey, CA 93940

Full page figures should be counted as 300 words and included in this limit. The paper should also have a short abstract. Notification of acceptance will be given by August 1, 1983.

Camera ready copy of the final version is due September 1983.

Sponsors

Technical Committee on Software Engineering
IEEE Computer Society
National Bureau of Standards

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