CALL FOR PAPERS

September 17-19, 1979

Munich, Germany

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Engineering is a discipline that permits systematic application of pragmatic experience and scientific knowledge to create and operate systems that serve the purpose of mankind.

In that spirit, software engineering is the collection of methods, procedures, techniques and tools which assist the process of specifying, developing and maintaining large programs and software systems.

The fourth International Conference on Software Engineering will bring together researchers and practitioners to discuss the state of software engineering and its further progress. Papers are solicited that will permit the planning of sessions that give a broad survey of the state of the art in parallel with others that will provide an opportunity for the presentation and discussion of specifics.

It is expected that the broad survey sessions will provide an overview of the software engineering field, why it emerged, where it now stands, where it should go, where it is going, its structure and what it has to offer. Specialist papers will be grouped into topic areas which include (but are not limited to):

- Data Definition, Data Structuring, and Data Flow.
- Constructive Techniques for Specifying, Developing and Maintaining Correct Programs.
- Pragmatic Techniques for the Specification, Development, and Maintenance of Robust and Reliable Software.
- Programming Process and Product Measurement, Modelling and Model Interpretation.
- Computer Aided Environments for Software Engineering.
- Case Studies of the Effectiveness and Consequences of Software Engineering Practice.
- The Engineering of Computer Applications Involving Major Software Components.
- Human Factors in the Software Lifecycle.

All papers relevant to Software Engineering will be considered. Contributions are now solicited and the final program will reflect the distribution of interest implied by the quality submissions available. Papers of the highest quality will be considered for additional publication in IEEE Transactions on Software Engineering.

Five copies of the complete paper in English, which should be 2000 to 6000 words long (counting figures as 300 words a piece), are due by February 1, 1979. An indication by the author into which group the submission falls will expedite the decision process.

All papers should be sent to the Program Chairman:

Prof. M. M. Lehman
Imperial College — CCD
180 Queen’s Gate
London SW7 2BZ
England

Notification of acceptances will be mailed by May 21, 1979. The final draft, typed on camera-ready forms and incorporating suggested revisions, will be due by July 16, 1979.

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