

ANNOUNCEMENT  
INTERNATIONAL CONFERENCE  
ON  
ENGINEERING SOFTWARE FOR MICROCOMPUTERS

Venice, Italy, 2-5 April 1984

*Organizing committee*

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*Objectives*

The impact of computers on the advancement of engineering knowledge has been considerable and is continuously expanding. Microcomputers are now easily accessible to an ever increasing number of engineers both in design and in control of manufacturing. There has been a tremendous development of software available, which often differs significantly in its organization and capabilities from the type of engineering software implemented on mini and large scale computers.

Until now the field of microcomputer software has been covered only marginally in major meetings dedicated to computer software in general, and proper emphasis was not given to this particular need. This conference is aimed at focusing on the numerical aspects and programming techniques peculiar to software for microcomputers. It is expected that the conference will provide a forum for the assessment of the quality of such software from the theoretical, numerical and operational point of view, eventually producing a text on the latest state of art in the field.

*Call for papers*

Papers are invited on topics which deal with engineering software, architecture, numerical methods, interactive techniques, graphics, mic-

roprocessors, databases, as general tools or as employed in applications to structural and mechanical analyses, manufacturing and chemical problems, civil, aerospace and marine engineering problems, thermal problems, field and flow problems, educational programmes, etc.

Abstracts, of not more than 500 words, should be submitted before 1 May 1983. The authors will be informed on the provisional acceptance by 1 July 1983 and complete papers will be required by 1 October 1983.

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Abstracts and requests for further information should be addressed to

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*Provisional session headings*

General topics on

1. Mathematical and computational techniques
2. Graphics
3. Engineering databases
4. Integrated CAD/CAM systems
5. Simulation techniques
6. Orientated languages

Software applied to:

7. Civil and mechanical engineering
8. Aerospace and naval engineering
9. Soil mechanics
10. Fluid flow and thermal problems
11. Electrical engineering
12. Surveying