ANNOUNCEMENT AND CALL FOR PAPERS

TWELFTH INTERNATIONAL CONFERENCE ON THE BOUNDARY ELEMENT METHOD

Sapporo, Hokkaido, Japan

24–28 September 1990

OBJECTIVES

The Boundary Element Method has become an accepted and powerful method for the solution of many engineering problems. Recent theoretical and computational developments have transformed the BEM from a purely research technique into an efficient tool for engineering design. These developments are in great part due to the researchers who have attended this series of conferences, since the first was held at Southampton in 1978.

The 12th International Conference on BEM, as previously, aims to review the latest developments in the technique and point out new advanced future trends.

A special objective of this Conference is to bring together researchers from all over the world and make them aware of the rapid advances in the Boundary Element Method made by colleagues in Asia. The conference also aims to act as a link between practising engineers and industrial users of BEM and researchers working on the latest developments of the method.

CONFERENCE THEMES

- Inverse problems
- Sensitivity and optimization
- Supercomputing, EWS and other advanced hardware applications
- Fluid dynamics and aerodynamics
- Electrostatics and electromagnetics
- Acoustics
- Fluid structure interaction
- Contact mechanics
- Damage tolerance
- Bioengineering applications
- Large deflection and large strain problems
- Mass and heat transfer
- Geomechanics
- Elastodynamics
- Coupling with other techniques
- BEM and computer-aided engineering
- Mathematical principles and basic formulations
- Computational techniques

CALL FOR PAPERS

Papers are invited on the topics outlined above and other topics which will fit within the general scope of the Conference. Abstracts of no more than 300 words should be submitted to the Conference Secretariat at the address below by 1 December 1989. Abstracts should clearly state the purpose, results and conclusions of the work to be described in the final paper. Authors will be notified of the preliminary acceptance within eight weeks of the submission deadline. Final acceptance will be based upon review of the full length paper, which must be received by 1 June 1990.

The Proceedings of the Conference will be published by Computational Mechanics Publications in book form and distributed worldwide. The language of the Conference will be English.

TIME SCHEDULE

Submit abstract (300 words) :
1 December 1989

Preliminary acceptance :
1 February 1990

Submit final paper :
1 June 1990

Final acceptance :
1 July 1990

CONFERENCE SECRETARIAT

Correspondence should be addressed to :

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