The method is now available in commercial computer packages which have been intensively used by engineering companies throughout the world and have proved to be highly efficient.

The BEM has already been applied in structural and general mechanical, civil, aeronautical, automotive, offshore and other fields. Its application is not limited to stress analysis but is found to apply in fluid flow and potential problems such as electrostatics, electromagnetics, acoustics, thermal problems and many others.

BETECH 89 will give the opportunity of acquiring a detailed industrial overview of the application of the new technology and of hearing results and investigations of other industrial users, as well as more fundamental research of the technology.

ORGANIZING COMMITTEE

Dr C. A. Brebbia
Computational Mechanics Institute
Wessex Institute of Technology, Southampton, U.K.

Prof. N. G. Zamani
University of Windsor, Ontario, Canada.

CONFERENCE SECRETARIAT

Liz Newman
Computational Mechanics Institute
Ashurst Lodge, Ashurst
Southampton SO4 2AA, U.K.
Tel.: (44) 042129 3223
Telex: 47388 Attn COMPMECH
Fax: (44) 042129 2853.

CONFERENCE THEMES

Themes of the conference will include:

boundary element method and computer aided engineering;
thermal problems;
electrostatics and electromagnetic problems;
aerodynamics;
hydrodynamics;
sub-surface flow;
viscous flow;
potential problems;
stress analysis;
fracture mechanics;
soil and rock mechanics;
numerical aspects;
other industrial applications.

INFORMATION

Further information may be obtained from the Conference Secretary at the address above.

NUMETA '90

University College of Swansea, U.K., 8–11 January 1990

The Department of Civil Engineering at the University College of Swansea, is organizing the 3rd International Conference in the NUMETA series (Numerical Methods in Engineering: Theory and Applications), 8–11 January 1990.

For further information please contact John Middleton or Gyan Pande, Department of Civil Engineering, University College of Swansea, Swansea SA2 8PP, U.K.