Int. J. Heat Mass Transfer. Vol. 25, No. 10, pp. 1619, 1982
Pergamon Press Ltd. Printed in Great Britain

ANNOUNCEMENT

INTERNATIONAL CONFERENCE ON NUMERICAL METHODS IN THERMAL PROBLEMS

2–5 *August* 1983

The University of Washington, Seattle, U.S.A.

Organizing committee

R. W. Lewis, University College of Swansea, Wales, U.K.

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K. Morgan, Swansea, Wales
S. V. Patankar, Minnesota, USA
J. Rae, Harwell, England
B. A. Schrefler, Padova, Italy
O. C. Zienkiewicz, Swansea, Wales

Objectives

The objectives of this conference are to consolidate the advances made in the numerical modelling of thermal problems which were presented at Swansea in 1979 and at Venice in 1981. The use of numerical techniques, such as the finite element and finite difference methods, is essential for solving problems of extreme complexity or difficult mathematical representations, which can occur in a wide range of disciplines.

It is expected that this conference will continue the unifying theme of the previous conferences in bringing together engineers and scientists to discuss thermal problems from a diverse spectrum of disciplines and ultimately produce a text on the latest 'state of the art'. Keynote speakers will present lectures on the diverse nature of the problems and the similarities of the solution technique used would be emphasized.

Call for papers

Abstracts are invited on topics which deal with numerical methods of computation for thermal problems and also their application to practical studies. The abstracts, of approximately 500 words in length, should be submitted before 16 September 1982. The authors will be informed by 1 November 1982, whether or not their papers have been accepted for presentation. Final manuscripts will be required by 1 March 1983 for inclusion in the conference proceedings. A text of the accepted papers will be available at the conference. Authors will be encouraged to submit an extended form of their papers for consideration in the *International Journal for Numerical Methods in Engineering.*

A provisional list of possible areas of interest is as follows:

Heat Conduction
Phase Change
Heat and Mass Transfer in Porous Bodies
Geothermal Reservoir Simulation
Thermal and Drying Stresses
Industrial and Scientific Applications
Solar Energy
Turbulent Heat Transfer
Fire and Combustion Simulation
Coupled Conduction and Convection
Mathematical and Computational Techniques
Free and Forced Convection
Nuclear Waste Disposal

Correspondence

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