

ANNOUNCEMENTS

CALL FOR PAPERS

NUMERICAL METHODS IN LAMINAR AND TURBULENT FLOW 4th INTERNATIONAL CONFERENCE

Swansea, 9–12 July 1985

THE CONFERENCE is the fourth in the continuing successful series on 'Numerical Methods in Laminar and Turbulent Flow'. The most recent was held at Seattle, Washington in 1983.

The main objective of the conference has not changed since the inception of the series. This is the provision of a forum for the presentation and discussion of recent advances in the development and application of numerical methods to solve problems of fluid flow. The broad spectrum of research topics under the subject heading 'Laminar and Turbulent Flow' will be integrated within the following main subject areas

Laminar flow
Lubrication
Free/forced convection
Coupled conduction/convection
Turbulent flow
Turbulent heat transfer

Fluid/structure interaction
Turbomachinery
Meteorology
Reactor technology

It is envisaged that most of the submitted abstracts and subsequent conference papers will report on recently developed innovative computational techniques, in particular finite difference and finite element methods. However, papers dealing with the utilisation of 'standard' numerical models by comparison with experimental data are encouraged.

Abstracts of 300 words offering papers in the above or related fields are invited immediately. These should be forwarded to

Dr. C. Taylor
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Swansea SA2 8PP, U.K.

CALL FOR PAPERS

NUMERICAL METHODS IN THERMAL PROBLEMS 4th INTERNATIONAL CONFERENCE

Swansea, 15–18 July 1985

THE CONFERENCE is the fourth in the continuing successful series on 'Numerical Methods in Thermal Problems'. The most recent was held at the University of Washington, Seattle, in 1983.

The main objective of this conference is to evaluate the advances made in the preceding meetings and to continue the unifying theme of bringing together engineers and scientists working in this important research area. The conference will provide a forum for the presentation and discussion of recent advances in the development and application of numerical methods to solve problems involving heat transfer. The broad spectrum of research topics under the subject heading 'Thermal Problems' will be integrated within the following main subject areas

Heat conduction
Phase change
Moving boundaries/mathematical techniques
Heat/mass transfer
Coupled conduction/convection
Thermal stresses

Turbulent heat transfer
Fire/combustion simulation
Geothermal energy
Nuclear research and technology
Solar energy
Industrial and scientific applications

It is envisaged that most of the submitted abstracts and subsequent conference papers will report on recently developed innovative computational techniques, in particular finite difference and finite element methods. However, papers dealing with the validation of existing numerical models by comparison with experimental data are encouraged.

Abstracts of approximately 300 words are invited on topics dealing with the general area of numerical heat transfer or related fields. These may be submitted immediately, to

Dr. K. Morgan,
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