25–27 September 1985: Göttingen, West Germany

Sixth GAMM Conference on Numerical Methods in Fluid Mechanics. Information: **Dr. D. Rues,** DFVLR-AVA. Bunsenstraße 10, 3400 Göttingen, FRG.

2–6 December 1985: Bombay, India

International Conference on Finite Elements in Computational Mechanics. Information: **Dr. Tarun Kant,** Convener, FEICOM-85, Department of Civil Engineering, Indian Institute of Technology, Powai, Bombay-400 076, India.

17–20 June 1986: Prague, Czechoslovakia

Second Conference of European Rheologists. Information: **2nd EURO-RHEO Conference,** Institute of Hydrodynamics, Czechoslovak Academy of Sciences, Podbabská 13, 166 12 Prague, Czechoslovakia.

ANNOUNCEMENT

WORKSHOP ON

NUMERICAL FLUID MECHANICS

SCHOOL OF MATHEMATICS

GEORGIA INSTITUTE OF TECHNOLOGY

The School of Mathematics at the Georgia Institute of Technology, with support from IMACS-USA and with possible support from ONR, will hold an interdisciplinary workshop on Numerical Fluid Dynamics on 12 and 13 April 1985. The eleven hour lectures are:

Garrett Birkhoff (Harvard), 'Potential Flow Calculations'
Jerry Bona (Chicago), 'Numerical Prediction of Nonlinear Wave Motion'
Paul Garabedian (Courant Institute, NYU), To Be Announced
Anthony Jameson (Princeton), 'Gas Dynamics'
Ding Lee (Naval Underwater Systems Center) and William Ames, 'Numerical Underwater Acoustics'

Isidoro Orlanski (Princeton), 'Numerical Weather and Climate Prediction'
Alan Robinson (Harvard), 'Ocean Circulation'
Martin Schultz (Yale), 'New Computer Architectures for Fluid Dynamics'
Gary Sod (Tulane), 'Chemically Reactive Turbulent Flows'
Robert Vichnevetsky (Rutgers), To Be Announced
Norman Zabusky (Pittsburgh), 'Computational Vortex Dynamics'

Further information can be obtained from Professor W. F. Ames, Local Arrangements Chairman, School of Mathematics, Georgia Institute of Technology, Atlanta, Georgia 30332, U.S.A. (404) 894-2700.

The organizing committee consists of G. Birkhoff (Harvard), R. Vichnevetsky (Rutgers) and W. F. Ames (Georgia Tech).

ANNOUNCEMENTS

NUMERICAL METHODS IN LAMINAR AND TURBULENT FLOW
4TH INTERNATIONAL CONFERENCE, SWANSEA 9–12 JULY 1985

The main objective of this fourth 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
TURBULENT FLOW
TURBULENT HEAT TRANSFER
FLUID/STRUCTURE INTERACTION
TURBOMACHINERY
METEOROLOGY
REACTOR TECHNOLOGY

It is envisaged that most of the conference papers will report on recently developed innovative computational techniques, in particular finite difference and finite element methods.

Papers utilising 'standard' numerical techniques for comparison with new experimental results will also be presented.

For further information, please contact

DR. C. TAYLOR
Department of Civil Engineering
University College of Swansea
Singleton Park
SWANSEA SA2 8PP
U.K.

NUMERICAL METHODS IN THERMAL PROBLEMS
4TH INTERNATIONAL CONFERENCE, SWANSEA 15–18 JULY 1985

This conference is the fourth in the continuing series on the application and development of numerical methods of analysis for thermal problems. The conference will provide a forum for the presentation and discussion of recent advances in this area and will cover a broad spectrum of problems involving heat transfer. The conference papers will report on innovative computational techniques and also on the validification of existing numerical models by comparison with experimental data.

For further information, please contact

DR. K. MORGAN
Department of Civil Engineering
University College
Singleton Park
SWANSEA SA2 8PP
U.K.