

CONFERENCE DIARY

7–9 July 1986: Lisbon, Portugal

Third International Symposium on Applications of Laser Anemometry to Fluid Mechanics. Information: **Prof. D. F. G. Durão**, Department of Mechanical Engineering, Instituto Superior Técnico, Avenida Rovisco Pais, 1096 Lisbon, Portugal.

25–29 August 1986: Gothenburg, Sweden

Methods in Industrial Forming Processes. Contact: **Dr. Kjell Mattiasson** Dept. of Structural Mechanics, Chalmers University of Technology, 412 96 Gothenburg, SWEDEN.

22–26 September 1986: Texas, U.S.A.

First World Congress on Computational Mechanics (IACM). Information: **WCCM/TICOM**, The University of Texas at Austin, Austin, Texas 78712, U.S.A.

20–24 October 1986: Dublin, Ireland

PROTEXT III Conference—The Third International Conference on Text Processing System and the related PROTEXT III Short Course—Computer Aided Text Processing. For further information contact: PROTEXT III, Conference Management Services, P.O. Box 5, 51 Sandycove Road, Dun Laoghaire, Co. Dublin, Ireland. Telephone (+ 353 – 1) 808025 Telex: 30547 SHCN EI (Ref. BOOLE) Telegrams: BOOLEPRESS DUBLIN EIRMAIL (Dialcom) 74: EIM194. To contact Professor Miller you may use: EUROKOM: JOHN MILLER TCD INTERNET: JMILLER @ UCL-CS.

8–12 December 1986: Auckland, New Zealand

Australasian Fluid Mechanics Conference. Information: AFMC Conference Committee, c/o **Dr. P. S. Jackson**, Dept. of Mechanical Engineering, Auckland University, Private Bag, Auckland, New Zealand.

5–10 January 1987: Arizona, U.S.A.

Second International Conference and Short Course on Constitutive Laws for Engineering Materials: Theory and Application. Information: **Constitutive Laws Conf.**, Department of Civil Engineering and Engineering Mechanics (Room 207D), University of Arizona, Tucson, AZ, U.S.A.

28 April–1 May 1987: Uxbridge, U.K.

Conference on The Mathematics of Finite Elements and Application (MAFELAP). Details: **The Secretary**, The Institute of Computational Mathematics, Brunel University, Uxbridge, Middlesex, UB8 3PH, U.K.

June 1987: Cincinnati, U.S.A.

Forum on Unsteady Flow Separation—ASME Fluids Engineering Spring Conference. Enquiries: **Professor K. N. Ghia**, Mail Location 70, Department of Aerospace Engineering and Engineering Mechanics, University of Cincinnati, Cincinnati, Ohio, 45221, U.S.A. Telephone: (513) 475-3243.

23-27 August 1987: Sydney, Australia

International Symposium on Computational Fluid Dynamics. Details: **Dr. C. A. J. Fletcher**, CTAC-87, Dept. of Mechanical Engineering, University of Sydney, N. S. W. 2006, Australia.

ANNOUNCEMENT

Call for papers

FORUM ON UNSTEADY FLOW SEPARATION ASME FLUIDS ENGINEERING SPRING CONFERENCE,

Cincinnati, Ohio, June 1987

Unsteady fluid dynamics effects play a vital role in a wide range of engineering problems of interest. Hence, significant research effort is directed, at major universities as well as at government and industrial laboratories, towards improving our understanding of unsteady separated flows and their control, and towards the use of this knowledge in developing new and improved design techniques. The unsteadiness may be self-induced or externally imposed. There are numerous applications of unsteady separated flows of interest, including aircraft and missiles at high angle of attack, vortex dominated flows past bluff bodies, rotorcraft, turbomachinery flows, internal biomedical flows, pulsating jets, etc.

The aim of this forum is to examine the recent advances in the methods for experimental, computational and rational/analytical prediction of the non-linear phenomena in unsteady fluid dynamics.

The forum is sponsored by the Fluid Mechanics and Fluid Machinery Committees of the ASME Fluids Engineering Division. The forum will have approximately 3 invited papers and 20 contributed papers. Work-in-progress sessions will also be

included to allow a few brief presentations of the latest significant results.

Papers will be selected for presentation based upon reviews of an extended abstract of at least 1000 words, typed double-spaced, stating clearly the purpose, results and conclusions of the work, with supporting figures. *Four copies of the abstracts should be submitted to Professor K. N. Ghia at the address listed below.*

Deadlines

Submission of abstracts: 7 November 1986

Acceptance of papers: 19 December 1986

Author-prepared camera-ready mats: 16 February 1987.

Papers selected for presentation will be published in a single volume available at the meeting.

Enquiries regarding the forum should be addressed to:

Professor K. N. Ghia, Mail Location 70

Department of Aerospace Engineering and Engineering Mechanics

University of Cincinnati

Cincinnati, Ohio 45221 U.S.A.

Tel: (513) 475-3243