## Calendar

International conference on vapor cloud modeling

2-4 November 1987 Cambridge, Massachusetts, USA

American Institute of Chemical Engineers, Meetings Department, 345 E. 47th St., New York, NY 10017, USA

International symposium on natural circulation

15-20 November 1987 New York, NY, USA

Dr J. H. Kim, Electric Power Research Institute, PO Box, 10412, Palo Alto, California 94303, USA

8th International Symposium on Fluid Power

18-21 April 1988 Birmingham, UK

Conference Dept. BHRA, The Fluid Engineering Centre, Cranfield, Bedford MK43 0AJ, UK

2nd International Conference on Flow Measurement

9-11 May 1988 London, UK

Conference Organizer, 2nd Flow Measurement BHRA, The Fluid Engineering Centre, Cranfield, Bedford MK43 0AJ, UK

Introduction to Flow Measurement Course 9-11 May 1988 London, UK

Mrs Jonna Foote-Kortland, Short Course Manager, Dept of Fluid Engineering and Instrumentation, Cranfield Institute of Technology, Cranfield, Bedford MK43 0AJ, UK

European Community wind energy 6-10 June 1988 Conference and Exhibition

Herning, Denmark

H. S. Stephens & Associates, Conference Organizers, Agriculture House, 55 Goldington Road, Bedford MK40 3LS, UK

## Forthcoming articles

Effects of inlet conditions and surface roughness on the performance of transitions between square and rectangular ducts of the same cross-sectional area

E. I. Dekam and J. R. Calvert

On the inner structure of streamwise Görtler rolls H. Peerhossaini and J. E. Wesfreid

Similarity solutions for buoyancy induced flows over a nonisothermal curved surface in a thermally stratified porous medium

A. Nakayama and H. Koyama

Dynamics of cavities in a duct flow P. A. Lush

Improved general correlation for critical heat flux during upflow in uniformly heated vertical tubes M. M. Shah

Numerical computation of turbulent flow through a squaresectioned 90° bend

H. Iacovides, B. E. Launder and P. A. Loizou

A differential-difference approach for the thermal boundary layer under laminar conditions

A. Campo and C. Schuler

Forced convection heat transfer about a cylinder placed in porous media with longitudinal flows

S. Kimura (Technical Note)

The thermodynamic design of heat and mass transfer proceses and devices

A. Bejan

The flow of foam through constrictions J. R. Calvert

Head-on collision of normal shock waves in dusty gases T. Elperin, G. Ben-Dor and O. Igra

Pressure losses in sudden transmitions between square and rectangular ducts of the same cross-sectional area

E. I. Dekam and J. R. Calvert

Determination of principal characteristics of turbulent swirling flow along annuli: Part 4; An asymptotic solution Y. S. M. Morsi and B. R. Clayton

Experiments on the cooling by natural convection of an array of vertical heated plates with constant heat flux T. O'Meara and D. Poulikakos

Buoyancy dominated laminar convection and radiation transfer

in rod arrays

A. K. Mohanty and R. Viskanta

The effects of aspect ratio on heat loss from a swirling flow within a cylinder

S. Wahiduzzaman and C. Ferguson

Aerodynamic aspects of the sealing of gas turbine rotor-stator systems. Part 1: The rotating behavior of simple shrouded rotating-disc systems in a quiescent environment. Part 2: The performance of simple seals in a quasi-axisymmetric external flow. Part 3: The effect of non-axisymmetric external flow on seal performance

U. P. Phadke and J. M. Owen

Transient heat transfer in a boiled potato: a study related to food process engineering

P. M. Derbyshire and I. Owen

Head-on collision of normal rerefaction waves in dusty gases G. Ben-dor, O. Igra and T. Elperin

Heat transfer correlations for vaporizing liquid droplet arrays in a high temperature gas at intermediate Reynolds number A. Y. Tong and S. J. Chen

Three-dimensional bimodal flow transitions in tiled enclosures H. Q. Yang, K. T. Yang and J. R. Lloyd