

ANNOUNCEMENTS

An International Conference on
FINITE ELEMENT METHODS
 2-6 August 1982 (Third Announcement)
 Jinjiang Hotel, Shanghai, China

Co-Chairmen

Professor Y. K. Cheung
 Dept. of Civil Engineering
 University of Hong Kong
 Hong Kong

Dr. He Guangqian,
 The Architectural Society of China
 Baiwanzhuang, West District
 Beijing, China

Topics covered

Theoretical Developments
 Solid Mechanics
 Probabilistic Methods
 Geomechanics
 Fluid Flow

Field Problems
 Non-linear Problems
 Special Elements
 Computer Packages
 Practical Applications
 Semi-analytical Methods
 Fluid-Structure Interaction
 Soil-Structure Interaction
 Optimization Techniques
 Boundary Elements
 Computational Techniques
 Structural Dynamics and Stability

Registration

Fee: US\$300

Contact: Dr. Y. T. Leung,
 Department of Civil Engineering,
 University of Hong Kong.

POLYMODEL 5

PROCESS MODELLING

to be held at Teesside Polytechnic
 on 26-27 May 1982

It is proposed to hold sessions in the following main areas but contributions in other areas of modelling of industrial processes will be welcome and if necessary further sessions arranged:

IRON AND STEELMAKING
 FOOD PROCESSING
 PETROCHEMICALS
 OIL EXPLORATION AND RECOVERY
 A keynote lecture will be given by a distinguished

authority on mathematical modelling of industrial processes.

Further details may be obtained from:
 Dr. P. C. Hudson,
 Dept. of Mathematics and Statistics,
 Teesside Polytechnic,
 Middlesbrough,
 Cleveland, TS1 3BA.
 Telephone (0642) 218121.

INTERNATIONAL CONFERENCE ON NUMERICAL METHODS IN INDUSTRIAL FORMING PROCESSES

University College, Swansea, U.K. 12–16 July 1982

Organizing Committee: O. C. Zienkiewicz, J. M. Alexander, R. D. Wood, J. F. T. Pittman.

Advisory panel/keynote speakers: M. J. Crochet, R. T. Fenner, S. Kobayashi, E. H. Lee, G. Menges, J. C. Nagtegaal, A. Samuelson, E. G. Thompson, R. I. Tanner, N-M. Wang.

Objectives: To establish the state of the art, with respect to research and practice, for numerical methods in forming processes. The conference will be broadly based encompassing such topics as bulk metal and polymer forming, metal casting and sheet metal forming.

Topics: Seventy-five papers (approx.) will be presented from leading groups in both universities and industry representing work done in the U.S.A., Europe, India, Japan and the U.K.

Topics include large deformation elasto-plasticity, viscoplastic flow and coupled heat transfer, phase change problems, plastic instability and necking, finite element, finite difference and other numerical techniques, constitutive modelling and polymer flow studies. These numerical methods are applied to a variety of forming processes such as extrusion, drawing, rolling, forging, casting, deep drawing, strip drawing and melt spinning.

A number of papers specifically discuss and compare various techniques.

Location: The Conference will take place on the campus of University College, Swansea. Accommodation will be available for participants in Halls of Residence on campus. The campus is very attractively situated, being surrounded on three sides by extensive parkland, and on the fourth by Swansea Bay. Just to the West of Swansea is the famous Gower peninsula, which is designated an area of outstanding natural beauty.

Fees: The fee for the conference, which includes proceedings and banquet, is £135 (or £90 for students) and the accommodation fee is £73.

For further details contact:

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University College of Swansea,
SWANSEA, SA2 8PP, U.K.