

## ANNOUNCEMENTS

### FIRST ANNOUNCEMENT AND CALL FOR PAPERS— FIFTH INTERNATIONAL CONFERENCE ON PHYSICO-CHEMICAL HYDRODYNAMICS

Tel-Aviv, Israel, 16–21 December 1984

#### *Purpose of the conference*

THE MAJOR goal of the conference is to expose the main results of recent theoretical and experimental progress in Physico-Chemical Hydrodynamics and to stress the relevance of this field in technology, biology and other branches of science.

#### *Sessions*

1. Interface dynamics, multi-phase systems and transport phenomena.
2. Theory of turbulence and its applications.
3. Hydrodynamics of biological systems and polymers, physicochemical hydrodynamics of low Reynolds number.
4. Physicochemical hydrodynamics and energy problems.

#### *Invited lecturers*

Among the invited lecturers are:

A. Acrivos, G. Batchelor, P. de Gennes, R. Kaplan, E. Levich, N. Liron, K. Moffatt, S. Orszag, S. Ostrach, P. Pfeffer, P. Saffman, L. Scriven, A. Silverberg, B. Spalding, A. Tsinober, I. Wignansky.

#### *Call for papers*

Participants who wish to contribute a paper are requested to submit five copies of a brief abstract (around 100 words) not

later than 2 April 1984. The five copies of the extended summary (500 words) should be submitted not later than 1 June 1984. The authors will be informed concerning acceptance in July 1984. Papers presented at the conference will be published in a special issue of the *International Journal of PhysicoChemical Hydrodynamics*.

#### *General information*

The conference will be held in a hotel on the Mediterranean Shore in Tel-Aviv, Israel. The social programme includes a one day tour and a Gala dinner. The registration fee will be \$120. The approximate cost of accommodation in a four-star hotel is about \$200 weekly per person (including room, breakfast and service charge).

#### *Communication*

All correspondence related to the conference should be addressed to:

Prof. A. Tsinober  
Chairman of the 5th International PCH Conference  
Dept. of Fluid Dynamics and Heat Transfer  
Faculty of Engineering  
Tel-Aviv University  
Ramat-Aviv  
Tel-Aviv 69978, Israel.

### NATO ADVANCED STUDY INSTITUTE ON NATURAL CONVECTION: FUNDAMENTALS AND APPLICATIONS

Izmir, Turkey, 16–27 July 1984

THIS Advanced Study Institute, sponsored by the NATO Scientific Affairs Division, will primarily be a high-level teaching activity, where the subject of Natural Convection will be treated in considerable depth by lecturers eminent in their fields. A limited number of contributions from the participants will also be included. Topics to be covered include, but will be restricted to, external boundary layers, plane layers, natural convection in ducts, enclosure flows including bundles, natural convection in porous media, transition to turbulence and turbulence modeling, mixed convection stratified fluids, thermal plumes, natural convection in melting and solidification, natural convection/radiation interaction and industrial applications.

#### *Information*

Attendance at the meeting will be limited. A limited number of financial grants will be awarded to applicants from NATO countries. Applications with background information and a letter of recommendation from the head of the department must be submitted no later than 1 April 1984. Successful applications will be notified by 30 April 1984. Further information can be obtained from:

Dr S. Kakac  
Department of Mechanical Engineering  
University of Miami  
Coral Gables, FL 33124, U.S.A.  
Tel: (305) 284-3288.