

ANNOUNCEMENT

PRELIMINARY ANNOUNCEMENT—Outline of 1980 International Conference on PHYSICO CHEMICAL HYDRODYNAMICS

A Conference was held in Oxford, England, in July 1977, to celebrate the 60th Birthday of Prof. B. Levich. The subject was PhysicoChemical Hydrodynamics, which has been brought into focus as a subject of interest and importance to pure and applied scientists of many disciplines. The Proceedings were published by Advance Pubs., London. A second Conference was held at the National Academy of Sciences, Washington D.C., U.S.A., in November 1978. The Proceedings will soon appear in the first issue of International Journal of PHYSICO CHEMICAL HYDRODYNAMICS (to be published by Pergamon Press). A third Conference will be held in Madrid, Spain, from MARCH 31 to APRIL 2, 1980. It will cover the subjects of

- 1.—Electrochemical processes in Science and Industry.
- 2.—Capillarity & the Mechanics of Interfaces.
- 3.—Recent advances in the Stat. Mechanics and Thermodynamics of Surfaces.
- 4.—Transport across phase interfaces; surfactants and their applications.
- 5.—Properties & Behavior of Dispersions, Polymers, etc.
- 6.—Problems in the Tertiary Oil Extraction.
- 7.—Physicochemical properties of biological flows.
- 8.—Nucleation & the growth of crystals.
- 9.—Electrophoresis & other electrical effects in fluids.
- 10.—Fluid Dynamics in Micro Gravitational environments.
- 11.—Solar Energy collectors, energy storage, etc and the associated thermo hydrodynamic phenomena (including diphasic flow, etc).
- 12.—Multicomponent fluid flows and their stability.
- 13.—Reactive flows and Combustion.
- 14.—Fundamental questions in flow stability; experimental information by optical methods, etc.
- 15.—Recent advances in the kinetic theory of transport phenomena (including non linear response theory).
- 16.—Relevant computational procedures.
- 17.—..... : open for suggestions.

It is expected that the Conference will be conducted by way of 6 four-hour sessions, each involving presentation of review lectures and, in parallel sessions, presentation of contributed papers. Every effort will be made to ensure that presentations will be of a high standard, and suitable in style to be informative to practitioners of Physico Chemical Hydrodynamics, whatever their main discipline. It is hoped, in this way, to promote interdisciplinary understanding and collaboration within this important field.

Review papers (by invitation) and Abstracts of Contributed papers will be published as soon as possible after the end of the Conference, in a special issue of International J. Physico Chemical Hydrodynamics (Pergamon Press).

Persons interested in obtaining further information should write to

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