

## ANNOUNCEMENT

### 1975 INTERNATIONAL SEMINAR

#### **Future Energy Production—Heat and Mass Transfer Problems**

##### *Scope of the Seminar*

The International Centre for Heat and Mass Transfer in Belgrade, Yugoslavia, announces its 8th International Seminar on Heat and Mass Transfer for the summer of 1975. The following topics will be covered in the seminar:

- A Heat of Mass Transfer for Solar Energy Production (two sessions)
- B Heat and Mass Transfer for Nuclear Energy Production (two sessions)
- C Heat and Mass Transfer for Geothermal Energy Production (two sessions)
- D Heat and Mass Transfer for Coal Energy Production (two sessions)
- E Impacts of Energy Production on the Environment (one session)
- F Other Energy Production—Heat and Mass Transfer (Wind, Tides, Oceans, Bioenergy, etc.) (one session)

It is intended to cover all types of heat and mass transfer problems associated with the foregoing methods of energy production, e.g. solar collectors, thermal energy storage systems, in-pile systems, fuel reprocessing, geothermal reservoirs, heat exchangers for binary fluid cycles, coal gasification, coal liquefaction, thermal impacts on the environment, etc. Single or multiphase flow with or without phase change will be covered as appropriate for the energy production equipment.

Also included in the scope of the seminar is the discussion of equipment used for simultaneous heat and mass transfer

and chemical reactions as long as the design or operation of such equipment is determined predominantly by the requirements of the energy production process.

##### *Call for papers*

The papers, which are called for by this announcement, may deal with either basic or applied problems of heat and mass transfer associated with the design and operation of the components of future energy production systems. Authors of accepted papers are expected to deliver their presentations in person. The time allotted for each presentation is twenty minutes. The official language is English. The Seminar meets on the Adriatic Coast.

Authors wishing to present a paper should immediately send a summary of approximately 300–500 words to Prof. J. C. Denton, National Center for Energy Management, University of Pennsylvania, Philadelphia, Pa., 19104.

### 1975 INTERNATIONAL SUMMER SCHOOL

#### **Future Energy Production—Heat and Mass Transfer Problems**

The Summer School will cover the same topics as the Seminar, with special attention to be given to coal gasification, fluidized bed combustion of coal, solar energy, geothermal power and nuclear power. The lecturers will be international authorities in these special fields and their presentations will start from widely understood basic principles of heat and mass transfer.

The application of these principles to the special problems associated with new energy systems will be covered in detail. Complete lecture notes will be available to all participants. The Director of the Summer School is Prof. James P. Hartnett, Energy Resources Center, University of Illinois at Chicago Circle, Chicago, Ill., 60680 and requests for more information on the school should be directed to him.