

## ANNOUNCEMENT

### ADVANCED STUDY INSTITUTE ON HEAT EXCHANGERS: THERMAL- HYDRAULIC FUNDAMENTALS AND DESIGN

Istanbul, Turkey, 4–15 August 1980

An Advanced Study Institute sponsored by the NATO Scientific Affairs Division will be held on 4–15 August 1980 in Istanbul, Turkey. This meeting will primarily be a high level teaching activity on thermal-hydraulic fundamentals and design of heat exchangers. The subject will be treated in considerable depth by lecturers eminent in their fields. A limited amount of contributions, however, will also be included. Topics that will be covered in the meeting include basic design procedures, heat transfer and fluid flow fundamentals of compact, air-cooled, shell-and-tube, plate, regenerative, packed bed type heat exchangers with single phase convection, boilers, evaporators, multifluid heat exchangers, rating, sizing optimization, flow maldistribution and computer aided design of heat exchangers, advanced surface selection and performance, transient behaviour, vibrations,

heat exchanger fouling and corrosion and industrial applications.

Attendance at the meeting will be limited. A limited number of travel and/or subsistence grants will be awarded. Applications with background information and two references must be submitted no later than 15 May 1980. Successful applications will be notified by 15 June 1980. Further information can be obtained from:

Dr. S. Kakac, Director of the Institute  
Department of Mechanical Engineering  
Middle East Technical University  
Ankara  
Turkey