

Heat pipe analysis and experimental performance

Gravity-assisted heat pipes
 Zero-gravity heat pipes
 Gas-loaded heat pipes
 Rotating heat pipes
 Heat pipe thermal switches and diodes
 Osmotic heat pipes
 Electrohydrodynamic heat pipes
 Superfluid heat pipes
 Heat pipe engines

Commercial and scientific applications

Spacecraft thermal control
 Space experiments
 Heat recovery
 Cooling
 Isothermalization
 Temperature control
 De-icing
 Spectroscopy
 Thermophysical properties measurements

The conference language will be English.

Persons interested in attending the conference and submitting a paper should contact:

Prof. K. Oshima
 The Institute of Space and Astronautical Science
 Komaba 4, Meguro-ku, Tokyo 153, Japan
 Tel.: 03-467-1111; Telex: J 24550 SPACETKY

The deadlines for long abstracts of 500 words is planned to be 1 October 1983, notice of acceptance to be 15 December 1983, and full manuscripts to be 1 February 1984.

International heat pipe conference committee

C. A. Busse (Ispra), P. D. Dunn (Reading), M. Groll (Stuttgart), G. M. Grover (Chairman, Los Alamos), K. Oshima (Tokyo), F. Poláček (Prague), J. C. Savage (Noordwijk), C. L. Tien (Berkeley) and L. L. Vasiliev (Minsk).

FOURTH INTERNATIONAL SYMPOSIUM ON TURBULENT SHEAR FLOWS

University of Karlsruhe, West Germany, 12-14 September 1983

The Fourth International Symposium on Turbulent Shear Flows will take place at the University of Karlsruhe in West Germany during 12-14 September 1983. This Symposium follows similar meetings held in 1977, 1979 and 1981 in the United States and in Great Britain. It is again meant to be a meeting of research workers from all over the world actively

involved in turbulent flow studies who can contribute to the meeting in the form of presentations, discussions and exchange of new ideas with people from Universities, Research Institutes and Industry. Participants are expected from all over the world.