

ANNOUNCEMENT

5th INTERNATIONAL SYMPOSIUM ON THERMAL ENGINEERING AND SCIENCE FOR COLD REGIONS

Ottawa, Ontario, Canada, 19–22 May 1996

OBJECTIVES

The 5th International Symposium on Thermal Engineering and Science for Cold Regions will be held in Ottawa, Ontario, Canada, 19–22 May 1996.

This symposium is planned to bring together researchers and engineers from all over the world who are active in the area of thermal engineering and sciences for cold regions. The symposium will serve as a forum for exchange of information and experience in cold-region thermal science and engineering research, as a means of encouraging cooperation and stimulating future research.

This symposium is co-sponsored by the American Society of Mechanical Engineers through its Heat Transfer Division, the Canadian Society for Mechanical Engineers, the Heat Transfer Society of Japan, the Korean Society of Mechanical Engineers and the Verein Deutscher Ingenieure–Gesellschaft Verfahrenstechnik und Chemieingenieurwesen, and organized by the Faculty of Engineering, University of Ottawa and the International Organizing Committee.

SCOPE AND TOPICS

This symposium will cover all aspects of heat transfer, thermal sciences and thermal engineering in cold climates, e.g.

- Ice formation and decay
- Heat conduction with phase change
- Breakup of river ice covers
- Thermal design of structures
- Biological systems and cold climates
- Circumpolar global change
- Application of thermosyphon/heat pipe
- Icing on structures/transmission lines and locks
- Icing of aircraft and helicopters
- Convection with freezing/melting
- Inverse problems with freezing
- Phase change in porous media
- Mechanics of glaciers and ice sheets
- Solar energy and heat recovery
- Thermal properties at low temperature

- Global warming in permafrost regions
- Frost heave and permafrost
- Latent heat storage
- Operation of equipment.

PAST SYMPOSIA

1st Edmonton, Canada, 1987; 2nd Sapporo, Japan, 1989; 3rd Fairbanks, AZ, U.S.A., 1991; 4th Hanover, NH, U.S.A., 1993.

INTERNATIONAL ORGANIZING COMMITTEE

Y. Lee (Symposium Coordinator), Ottawa, Canada
H. Beer, Darmstadt, Germany
T. W. Forest, Edmonton, Canada
N. Seki, Sapporo, Japan
A. Aziz, Spokane, U.S.A.
K. C. Cheng, Edmonton, Canada
V. J. Lunardini, Hanover, NH, U.S.A.
J. P. Zarling, Fairbanks, AZ, U.S.A.

TIME SCHEDULE

The papers will be reviewed in accordance with ASME policies and published in a bound volume.

- 1 September 1995: receipt of three copies of a 500-word abstract
- 15 September 1995: acceptance notice
- 1 December 1995: receipt of complete manuscript
- 1 February 1996: reviews returned to author(s)
- 1 March 1996: final papers on mats.

CORRESPONDENCE ADDRESS

Secretariat of the 5th Symposium
Department of Mechanical Engineering
University of Ottawa
Ottawa, Ontario
Canada K1N 6N5
Tel: 1-613-564-3988/5700
Fax: 1-613-564-5879
E-Mail: YLEE@ACADVM1.UOTTAWA.CA