



SOCIÉTÉ FRANÇAISE DES THERMICIENS

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contents

sommaire

NEWS / ACTUALITÉS

CONGRESSES/CONGRÈS

INTERNATIONAL CENTRE FOR HEAT AND MASS TRANSFER TURBINE 2000 INTERNATIONAL SYMPOSIUM ON HEAT TRANSFER IN GAS TURBINE SYSTEMS

13–18 August 2000
Cesme, Izmir, Turkey

Objective

To provide a forum for the international thermal and fluid sciences communities to present and review the most recent developments in heat transfer and thermal control applied to modern, high-temperature gas turbine systems. To be presented are: experimental results and techniques, computational studies and methods, and design recommendations. Aspects of heat transfer in rotating machinery to be addressed include:

- combustor and transition section heat transfer;
- heat exchange to turbine airfoil and endwall surfaces within the gas path;
- stator internal heat transfer;
- disk cavity and blade internal flow and heat transfer;
- innovative cooling techniques;
- heat exchange in turbines with combined cycles.

Thermal aspects of other sections of the turbine (e.g. the compressor) will also be included. The results of this conference should be valuable to researchers in heat transfer as well as to designers of gas turbine systems.

Important dates

29 February 2000: abstract (2–3 pages) due.

1 April 2000: notification of acceptance for presentation.

Selection and publication of papers

Papers will be assessed for presentation at the symposium on the basis of a 66 word (2–3 pages

including figures) extended abstract. They should not have been previously published. A bound volume of the abstracts will be provided to participants at the meeting. A guide for preparation of abstracts is given on ICHMT's Web page. Please see:

"<http://ichmt.me.metu.edu.tr/upcoming-meetings/turbine-2000/announce.html>".

The Proceedings of the symposium will be published by the New York Academy of Sciences. Review copies (in camera-ready format) of the full paper will be due on the opening day of the symposium. Authors are encouraged to bring preprints for distribution at the symposium.

Correspondence

To ensure that your name is on the mailing list for future announcements, please post or fax the attached preliminary application form, or send the information by e-mail to:

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**MFTP – 2000
INTERNATIONAL SYMPOSIUM ON
MULTIPHASE FLOW AND TRANSPORT
PHENOMENA**

*5–10 November 2000
Antalya, Turkey*

Objective

The goal of the symposium is to provide a forum for the exposure and exchange of ideas, methods, and results in multiphase flow, heat and mass transfer.

While papers on all aspects of multiphase flow transport phenomena will be welcome, contributions are especially invited on the following subjects:

- modeling of multiphase systems;
- transport phenomena in multiphase systems;
- separation phenomena, process and equipment;
- measurement and instrumentation;
- characteristic and effective properties of multiphase systems;

- bio-aerosols and bio-systems;
- surface and interfacial phenomena;
- pollution control technology;
- clean room technology;
- multiphase systems applications.

Paper submission procedure

Abstracts and full papers must be submitted in English. Summaries should contain sufficient information about the problem, methodology and original new results. A guide for preparation of abstracts is given on ICHMT's Web page: <http://ichmt.me.metu.edu.tr>

Deadlines

- 1 November 1999: submission of maximum 5-page extended abstracts (5 copies).
- 1 February 2000: maximum 3-pages extended abstracts due for poster presentations.
- 1 March 2000: notification of acceptance of extended abstracts.
- 1 May 2000: notification of acceptance for poster presentations.
- 1 June 2000: Submission of full manuscripts (5 copies)

Correspondence

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THESES / THÈSES

Boubaker Feroual

Solidification d'un matériau binaire sur une paroi horizontale en présence de convection forcée.

11 mai 1999

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