



## SOCIÉTÉ FRANÇAISE DES THERMICIENS

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## NEWS / ACTUALITÉS

### CONGRESSES/CONGRÈS

#### CONGRÈS AICVF 1999 LA COMMUNICATION ET LE GÉNIE CLIMATIQUE 21–24 octobre 1999 Strasbourg, France

##### Contact

Yves Tersac, secrétaire du Congrès  
Tél. : +33 (0)3 88 34 49 57.  
Fax: +33 (0)3 88 34 79 25.

Bernard Witz, directeur du Congrès  
Tél. : +33 (0)3 88 75 21 40.  
Fax : +33 (0)3 88 75 21 54.



#### 1999 KOBE INTERNATIONAL GAS TURBINE CONGRESS 14–19 November 1999 Kobe, Japan

##### Technical Program

Paper related to all aspects of gas turbine and turbocharger are welcome. Approximately 150 papers will be selected for presentation on the basis of review. At the same time, there will be special lectures and panel discussions.

##### Contact

Gas Turbine Society of Japan,  
No. 3 Koush in Bldg. 402,  
7–5–13, Nishishinjuku, Shinjuku-ku, Tokyo,  
Japan 160.  
Tel.: +81 3 3365 0095.  
Fax: +81 3 3365 0387.  
<http://www.pluto.dti.ne.jp/~gtsj/english.html>



#### ECSBT2 SECOND EUROPEAN CONFERENCE ON SMALL BURNER AND HEATING TECHNOLOGY 16–17 March 2000 Stuttgart, Germany

##### Scope of the Conference

Oral contribution as well as poster presentations on the following topics are desired:

- fundamentals of low emission combustion processes, flue gas treatment and influence of the fuel quality;
- practical solutions for low emission burners, burner/boiler interaction;
- modern tools for burner development (computer software and experimental tools);
- performance of low emission equipment in practice;
- condensing boilers, their integration in the heating system and prevention of corrosion problems;
- use of modern sensor technology and electronic control for emission reduction;
- legislation, standards and product licensing.

##### Contact

ECSBT2, IG GmbH  
c/o European Committee of Burner Manufacturers,  
Birkenwaldstraße 163,  
70191 Stuttgart-Nord/Killesberg, Germany.  
Tél.: +49 711 256 7077.  
Fax: +49 711 256 7078.  
BVOG-CEB@t-online.de



## 5th EUROPEAN CONFERENCE ON INDUSTRIAL FURNACES AND BOILERS

11-14 April 2000  
Porto, Portugal

### Objectives

The main objective of the conference is to provide a greater understanding of the fundamentals, principles and practices associated with the design and operation of industrial furnaces and boilers. The conference will also be a means of disseminating information concerned with recent research and development activities in the field of furnace and boiler technology and related areas such as combustion and control of air pollution. It will provide a forum for persons involved in research, development, design and operation of furnace and boiler systems, and will also be of interest to staff areas such as combustion science, fuel technology, energy management and pollution control. The conference programme will consist of both oral and poster sessions.

### Technical content

Whilst the exact range of technical topics which will be covered will depend upon the papers which are accepted, contributions are invited in any fundamental and applied area of interest in furnace and boiler technology, including:

- advanced power generation;
- burner design and operation;
- combustion diagnostics;
- design and operation of furnaces and boilers;
- economics of furnace and boiler operation;
- fuels and combustion;
- furnace refractories;
- gasification of fuels and wastes ;
- gas-side corrosion and deposition problems in boilers;
- heating techniques including electro-heat;
- incineration of wastes, biomass and other alternative fuels;
- instrumentation and control of furnaces and boilers;
- low NO<sub>x</sub> combustion systems;
- modelling of fundamental processes;
- modelling of industrial processes and systems;
- oxygen enriched combustion;
- pollutant emission and control in furnaces and boilers;
- recovery of waste heat from flue gases.

### Contact

INFUB, c/o Prof. Albino Reis,  
rua Gago Coutinho, 185-187  
4435 Rio Tinto, Portugal.

Tel.: +351 2 9734624/9730747.  
Fax: 351 2 9730746.  
conference@infub.pt  
http://www.infub.pt



## SFT 2000 CONGRÈS FRANÇAIS DE THERMIQUE

15-17 mai 2000  
Lyon, France

Le Congrès français de Thermique, SFT 2000, congrès annuel de la Société française des thermiciens, a pour objectif de réunir la communauté scientifique, universitaire et industrielle concernée par tous les problèmes de recherche et de développement liés à la *thermique en général*. C'est un lieu de rencontres et d'échanges, facilités par la présentation des communications, qui a lieu essentiellement sous forme de posters. C'est également l'occasion de faire le point sur une *application particulière* ou sur des développements de cette discipline dans un secteur donné, au travers de conférences générales. Pour SFT 2000, ce secteur sera celui de l'*agroalimentaire*.

### Développements récents en thermique

Tous les ans, plus de cent vingt communications sont présentées sous forme de posters. Après expertise par le comité scientifique, la plupart d'entre elles font l'objet d'une publication dans les actes du congrès, qui sont publiés par les Éditions Elsevier.

Les travaux présentés concernent tout le champ de la thermique : conduction en régime instationnaire et dans les matériaux hétérogènes, résistances de contact, rayonnement et transferts radiatifs, convection naturelle et forcée, instabilités, transferts couplés, transferts avec changement de phase, transferts en milieu réactif, transferts en milieu poreux, thermique des systèmes, échangeurs thermiques, machines thermiques, métrologie et traitement des données, techniques expérimentales, techniques inverses et méthodes d'identification, modélisation et simulation numérique. Ces travaux sont le résultat de recherches fondamentales ou finalisées, abordées par le biais de la modélisation, de la simulation ou de l'expérimentation.

### Thermique et agroalimentaire

Ce thème, spécifique à SFT 2000, sera traité au travers de 6 à 8 conférences générales, présentées par des conférenciers invités, spécialistes du domaine. Il s'agira de faire le point sur la place des sciences thermiques dans l'agroalimentaire et sur les verrous scientifiques et tech-

niques impliquant la thermique dans les procédés mis en œuvre dans ce secteur industriel. Ces conférences porteront sur des thèmes tels que la caractérisation thermique des aliments et matériaux entrant dans les procédés, les transferts thermiques en régime transitoire dans des matériaux évolutifs, la rhéologie et les transferts thermiques dans les fluides alimentaires, l'amélioration des performances des échangeurs, les nouvelles techniques de conservation des aliments par le froid, la cryogénie, les transferts dans les procédés de cuisson, etc.

### Calendrier

Envoi des résumés : avant le 15 octobre 1999.  
Avis d'acceptation : 15 décembre 1999.  
Envoi du texte complet : avant le 31 janvier 2000.

### Contact

Secrétariat du congrès SFT 2000,  
Cethyl, Insa, Bât. 404,  
20, av. Albert-Einstein,  
69621 Villeurbanne cedex, France.  
Tél. : +33 (0)4 72 43 88 10.  
Fax : +33 (0)4 72 43 60 10.  
sft2000@cethyl.insa-lyon.fr



## ECOS 2000 INTERNATIONAL CONFERENCE ON EFFICIENCY, COST, OPTIMISATION, SIMULATION AND ENVIRONMENTAL ASPECT OF ENERGY AND PROCESS SYSTEMS

5-7 July 2000  
University of Twente  
Enschede, The Netherlands

The ECOS 2000 Conference is a part of a series of international conferences. Ecos 2000 addresses issues such as a fundamental and applied research in the areas of thermodynamics, thermoconomics, energy resources utilisation, environmental aspect of energy systems and energy policy and management.

### Conference topics

- Fundamentals and application of modern thermodynamics.
- Thermodynamic and thermo-economic analysis.
- Energy conversion and conservation.
- Simulation, evaluation and optimization of energy systems and processes.
- Integration of energy systems and processes.
- Energy policy and management.
- Energy systems and processes for the future.
- Environmental impact of energy systems and processes.

- Energy, economics, environment and politics.
- Other energy related topics.

### Deadlines

Abstracts submitted to the Chairman:  
15 October 1999.  
Notification of abstract acceptance with full instructions for manuscript preparation:  
15 November 1999.  
Final date for receipt of manuscripts for review:  
15 January 2000.  
Reviews returned to the authors: 15 March 2000.  
Camera ready copy submitted to the Chairman:  
15 April 2000.

### Chairman / Contact

Prof. Dr. Ing. G.G. Hirs,  
University of Twente, Faculty of Mechanical Engineering, Laboratory of Energy Technology, P.O. Box 217, 7500 AE, Enschede, The Netherlands.  
Tél.: +31 53 4892561.  
Fax: +31 53 4893663.  
ecos2000@wb.utwente.nl  
www.thw.wb.utwente.nl

## FIFTH INTERNATIONAL SYMPOSIUM ON STRATIFIED FLOWS

10-13 July 2000  
University of British Columbia  
Vancouver, Canada

### Scientific Scope

The Fifth International Symposium on Stratified Flows will extend the series started in Novosibirsk (1972), and continued in Trondheim (1980), Caltech (1987) and Grenoble (1994). These meetings have acted as a forum for presenting noteworthy advances in all aspects of the study of stratified flows. Topics to be covered will include:

- hydrodynamic instability
- stratified turbulence
- internal waves
- oceanic and atmospheric flows
- lake dynamics
- convection, entrainment and mixing
- intrusions and gravity currents
- exchange flows
- multilayer hydraulics
- jets and plumes.

### Deadlines and key dates

30 November 1999: submission of abstract.

29 February 2000: notice for acceptance of abstracts.

15 May 2000: receipt of camera-ready papers.

31 May 2000: early registration deadline.

### Further Information

The second announcement will call for papers, and give registration and accommodation information; it will be available in fall 1999 at the Conference Website at :

<http://www.civil.ubc.ca/ISSF2000.html>

## 12th INTERNATIONAL SYMPOSIUM ON TRANSPORT PHENOMENA (ISTP-12)

16-20 July 2000  
Hotel Istanbul Surmeli, Istanbul, Turkey

### Background and Objective

ISTP-12 is organized by the Pacific Center of Thermal-Fluids Engineering (PCTFE) and American Society of Mechanical Engineers (ASME) in the USA, Mechanical Engineering Department of King Fahd University of Petroleum and Minerals (KFUPM) in Saudi Arabia, and Chemical Engineering Department of Istanbul Technical University (ITU), Turkey. ISTP-12 will be a multidisciplinary international conference, organized by the PCTFE, ASME, KFUPM and ITU, and will provide a forum for researchers, scientists and practitioners from all over the world to exchange information, present new developments, and discuss the future direction and priorities in the field of transport phenomena. The previous ISTP symposia were held in Honolulu 1985, Tokyo 1987, Taipei 1988, Sydney 1991, Beijing 1992, Seoul 1993, Acapulco 1994, San Francisco 1995, Singapore 1996, Kyoto 1997, and Taipei 1998. By all accounts these symposia were held with great success.

A special Open Forum session is being planned for ISTP-12 to provide a unique opportunity for authors to present their latest, as yet, unpublished research findings before a conference audience that serves as a 'sounding board' to provide constructive feedback. Authors wishing to participate in this Open Forum should send their name, affiliation and title of topic to the Chairman of the Open Forum, Dr. Paul J. Marto at: [PJMarto@aol.com](mailto:PJMarto@aol.com), no later than 1 June 2000.

### Venue

This time ISTP-12 will be held in Istanbul, the largest and the most attractive city in Turkey.

Istanbul is the only city in the world that is located on two continents, Europe and Asia. This makes it easily reachable from anywhere in the world. Istanbul guards the treasures of a long and magnificent history (so-called: living museum) and contains many historical and touristic sites. It covers tremendous varieties of cultural events which will make your stay absolutely a long-lasting memory.

### Scope and topics

Original and unpublished papers describing current research on transport phenomena from fundamental sciences to applied technologies are hereby solicited. Some key areas include, but not limited to, the transport processes of the following:

- aerospace systems
- biomass and bioenergy
- combustion
- CFD applications
- cooling applications
- chemical process systems
- cryogenic systems and applications
- energy and environmental impact
- energy conservation
- energy systems and applications
- exergy analysis
- experimental measurement techniques
- fuels and alternatives
- heat exchangers
- melting and freezing
- new and clean energy technologies
- refrigeration systems and applications
- thermal energy storage
- thermodynamic aspects
- thermal systems and applications.

### Proceedings

All papers will be peer reviewed and all accepted papers, in English, will be only published in the Proceedings, which will be available during the Symposium and included in the registration package.

Also, high quality papers of archival value will be considered for publication in international journals: *International Journal of Transport Phenomena*, *International Journal of Energy Research*, *International Journal of Global Energy Issues*, *Journal of Flow Visualization and Image Processing*, *International Journal of Rotating Machinery*, and *International Journal of Exergy*.

### Deadlines

1 October 1999: one-page abstract due.

1 December 1999: notification of abstract acceptance.

1 March 2000: camera-ready manuscript due.

### Abstract submission

Initial screening will be based on the abstracts. Authors should submit three copies of a one-

page 500-word abstract, containing the following:

- title of paper
- names, affiliations and complete addresses (with the phone and fax numbers and e-mail addresses) of authors
- five keywords, summarizing the objectives, main findings and results.

#### Contact

For general and technical inquiries, and abstract submission, please contact:  
Dr. Ibrahim Dincer,  
ISTP-12,  
Department of Mechanical Engineering,  
KFUPM,  
Box Box 127, Dhahran 31261, Saudi Arabia.  
Tel: +966 3 860 4497.  
Fax: +966 3 860 2949.  
idincer@kfupm.edu.sa  
<http://www.kfupm.edu.sa/teaching/colleges/wbme/dincer/index.html>

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**QIRT' 2000**  
**QUANTITATIVE INFRARED**  
**THERMOGRAPHY V**  
**EUROTHERM SEMINAR N° 64**  
*18-21 July 2000*  
*Reims, France*

The Quantitative InfraRed Thermography (QIRT) conferences constitute a forum for discussing the latest developments in the instrument technique, methodology and methods of analysis in the field of infrared thermography. The 5th conference (QIRT' 2000) will be held in Reims (France) in July 2000.

#### Deadline

Submission of abstracts: 15 January 2000.

#### Contact

Preliminary application should be done before November 30th, 1999 on the QIRT website:  
[http://www.univ-reims.fr/Qirt\\_2000](http://www.univ-reims.fr/Qirt_2000)  
or by classical mail to:  
QIRT' 2000,  
S. Offermann, UTAP-LEO,  
Moulin de la Housse, BP 1039, 51687 Reims cedex 2, France.  
Tel.: +33 (0)3 26 91 34 13.  
Fax: +33 (0)3 26 91 32 50.

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## 5th INTERNATIONAL SYMPOSIUM ON HEAT TRANSFER

*12-16 August 2000*  
*Beijing, China*

#### Organized by

The Institute for Thermal Science and Engineering,  
Tsinghua University, Beijing, China.

#### Theme

Rapid advances in processing techniques, significant improvements in analytical techniques and an awareness of environmental factors require that the heat transfer community achieve significant improvements in the transfer and utilization of energy to facilitate application of advanced technologies in nearly all fields. The four previous International Symposia on Heat Transfer in Beijing, which began in 1985, enhanced the international dissemination of recent advances in heat transfer research. A large number of papers were presented describing significant advances in heat transfer research from around the world. The papers were also published as the Hemisphere Publishing series Heat Transfer Science & Technology edited by Prof. B.X. Wang. The International Organizing Committee seeks to continue the valuable international exchange of new information and ideas in the heat transfer field for the 21st century by organizing the International Symposium on Heat Transfer in Beijing every four years.

#### Scope of papers

Papers are solicited on all aspects of heat transfer, including:

- 1) theory and technological application of fundamental transport phenomena;
- 2) micro heat transfer in space and time;
- 3) transport phenomena and process analysis in rotary machinery and rotating channels;
- 4) two-phase and multi-phase flow and heat transfer;
- 5) heat and mass transfer in nuclear reactors;
- 6) heat and mass transfer in porous or dispersed media;
- 7) radiation heat transfer and combined heat transfer modes;
- 8) protective cooling for high temperature components;
- 9) biological and cryogenic heat and mass transfer;
- 10) solidification and melting;
- 11) industrial heat transfer;
- 12) mathematical simulation and numerical analysis of all modes of heat and mass transfer;
- 13) experimental measurement techniques for heat and mass transfer processes;
- 14) transport phenomena and analysis of heat and mass transfer under the influence of electrical and magnetic fields and chemical reactions;

- 15) heat and mass transfer in environmental protection;
- 16) other related topics.

#### Symposium Chairman / Contact

Prof. B.X. Wang, Director,  
Institute for Thermal Science and Engineering,  
Tsinghua University,  
Beijing 100084, China.  
bxwang@tsinghua.edu.cn

#### Call for papers

All papers will be written and presented in English. The content of the abstract will be the basis for acceptance of the paper for presentation at the symposium. Papers accepted for presentation will be published formally as a bound volume issued to the delegates. To submit a paper, e-mail a one-page abstract with your mailing address and telephone and fax numbers by 1 December 1999 to either:

Prof. X. F. Peng,  
Thermal Engineering Department,  
Tsinghua University,  
Beijing 100084, China.  
Tél.: +86 10 6278 9751.  
Fax: +86 10 6277 0209.  
pxf-dte@tsinghua.edu.cn  
or

Prof. D.M. Christopher,  
Thermal Engineering Department,  
Tsinghua University,  
Beijing 100084, China.  
Tél.: +86 10 6278 3787.  
Fax: +86 10 6277 0209.  
dmc@tsinghua.edu.cn

If you anticipate that someone will accompany you to the conference, please also include their name.

If you would like further information, please contact Prof. Peng or Prof. Christopher.

#### Deadlines

1 January 2000: notification of acceptance of paper.

1 March 2000: deadline for submission of completed manuscripts.

## FLUCOME 2000

The 6th Triennial International Symposium on Fluid Control, Measurement and Visualization will take place on 13-17 August 2000 at the Université de Sherbrooke, Sherbrooke (Québec), Canada. The event will provide an international forum for exchanges on recent progress and projected directions on the following, non exclusive, topics:

- fluid dynamics and modelling
- fluid control and systems;

- hydraulics and pneumatics;
- fluid measurement;
- physical and numerical flow visualization;
- thermal plasmas.

#### Deadlines

Abstract(s) submission: 27 September 1999.  
 Notification of abstract(s) acceptance:  
 1 November 1999.  
 Full paper(s) submission: 31 January 2000.  
 Notification of full paper(s) acceptance: 3 April 2000.  
 Final paper(s) submission and pre-registration:  
 12 June 2000.  
 Symposium: 13–17 August 2000.  
<http://www.callisto.si.usherb.ca/~flu02000/>

#### Contact

FLUCOME 2000 Desk,  
 Department of Mechanical Engineering,  
 Université de Sherbrooke,  
 Sherbrooke (Québec), Canada J1K 2R1.  
[fluome2000@callisto.si.usherb.ca](mailto:fluome2000@callisto.si.usherb.ca)  
 Fax: +1 819 821 7163

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### TURBINE 2000

#### INTERNATIONAL SYMPOSIUM ON HEAT TRANSFER IN GAS TURBINE SYSTEMS

*International Centre for Heat and Mass  
Transfer*  
 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.

#### Deadlines

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.

#### Contact

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:

Prof. Dr. Faruk Arinc, ICHMT Secretary-General,  
 Mechanical Engineering Department,  
 Middle East Technical University,  
 06531 Ankara, Turkey.  
 Tel.: +90 312 210 5214.  
 Fax: +90 312 210 1331.  
[arinc@metu.edu.tr](mailto:arinc@metu.edu.tr)

For all scientific and other inquiries please write to:

Prof. Dr. Richard J. Goldstein, Conference Chairman,  
 Department of Mechanical Engineering,  
 University of Minnesota,  
 Minneapolis MN 55455, USA.  
 Tel.: +1 612 625 5552.  
 Fax: +1 612 625 3434.  
[rjgumn@mailbox.mail.umn.edu](mailto:rjgumn@mailbox.mail.umn.edu)

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### 3rd EUROPEAN THERMAL SCIENCES CONFERENCE

*10–13 September 2000  
Heidelberg, Germany*

#### Objective

The objectives of the Third Conference are to bring together the international thermal

sciences community. The researchers, designers, experimentalists, modellers, and numerical analysts in the area of thermal sciences and heat transfer will have the opportunity to meet in a forum for high-level scientific and technical interchange of ideas, to stimulate discussion and liaison between specialists' groups, to exchange their expertise and experiences to further incite their research activities.

Academic and industrial contributors are solicited to submit papers dealing with experimental work, new experimental techniques, theory, analysis, design, numerical studies, modelling on fundamentals, applications and technology of thermal sciences and heat transfer.

#### Topics

- Conduction and insulation.
- Forced convection heat transfer.
- Natural/mixed convection.
- Melting and solidification.
- Boiling.
- Condensation.
- Two-phase flow.
- Thermal radiation and combustion.
- Measurement techniques.
- Numerical heat transfer.
- Heat exchangers and fouling.
- Thermal processes and material properties.
- Process safety.
- Fluidized beds and drying.
- Porous media.

All conference papers, except for the keynote papers, will be presented in poster sessions. There will also be short oral presentations of the poster papers before the poster sessions.

#### Deadlines

Deadline for abstracts: 30 September 1999.  
 Notification of acceptance: 15 December 1999.  
 Deadline for full papers: 1 February 2000.

#### Contact

Prof. E. Hahne,  
 Institut für Thermodynamik und Wärmetechnik,  
 Pfaffenwaldring 6,  
 70550 Stuttgart, Germany.  
 Tel.: +49 (0) 711 685 3536.  
 Fax: +49 (0) 711 685 3503.  
 e-mail: [eurotherm@itw.uni-stuttgart.de](mailto:eurotherm@itw.uni-stuttgart.de)  
<http://www.uni-stuttgart.de/eurotherm2000>

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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

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 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).

### Contact

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:

Prof. Dr. Faruk Arinc,  
ICHMT Secretary-General  
Mechanical Engineering Department  
Middle East Technical University  
06531 Ankara, Turkey.

Tel.: +90 312 210 5214 or 5213 or 1429.

Fax: +90 312-210-1331 or 1266.

[arinc@metu.edu.tr](mailto:arinc@metu.edu.tr)

For general or scientific inquiries, and submission of abstracts, please write, phone, fax or e-mail to:

Prof. David M. Maron  
Center for Technological Education Holon,  
POB 305,  
Holon 58102, Israel.

Tel.: +972 3 502 6501.

Fax: +972 3 502 6510.

e-mail: [barad-r@barley.cteh.ac.il](mailto:barad-r@barley.cteh.ac.il)

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## SEMINARS, MEETINGS / SÉMINAIRES, RENCONTRES

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### CONFERENCES IN THERMAL SCIENCES OF THE VDI-SOCIETY ENERGY - TECHNOLOGIES

19th German Flame Conference  
14-15 September 1999, Dresden

Developments in Power Plant Technology  
22-23 September 1999, Essen

Thermodynamic-Colloquium  
7-8 October 1999, Karlsruhe

Optimisation in Energy Supply  
14-15 October 1999, Heidelberg

Energy and Sustainable Development  
7-8 December 1999, Berlin

Modelling and Simulation of Steam Generators  
22-23 February 2000, Braunschweig

Fluidized Bed Combustion Plants  
22-23 March 2000, Cottbus

Plants for Renewable Energy Use  
22-24 May 2000, Salzburg, Austria

World engineers convention: professional congress energy  
19-20 June 2000, Hannover

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## TRAINING COURSES / FORMATION PERMANENTE, STAGES, ÉCOLES

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### MINES DE DOUAI, FRANCE

COGÉNÉRATION PAR VOIE  
DE VAPEUR D'EAU  
15-19 novembre 1999

#### Contact

Daniel Bougeard  
Tél. : +33 (0)3 27 71 23 74.  
[bougeard@ensm-douai.fr](mailto:bougeard@ensm-douai.fr)

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### COMBUSTION ET SYSTÈMES ÉNERGÉTIQUES

1-5 novembre 1999

#### Contact

Daniel Bougeard  
Tél. : +33 (0)3 27 71 23 74.  
[bougeard@ensm-douai.fr](mailto:bougeard@ensm-douai.fr)

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### MÉTROLOGIE DES PRESSIONS

27 septembre - 1 octobre 1999

#### Contact

Philippe Lebon  
Tél. : +33 (0)3 27 71 23 44.  
[lebon@ensm-douai.fr](mailto:lebon@ensm-douai.fr)



### ICTM

THERMIQUE DES SYSTÈMES ÉLECTRIQUES  
ET ÉLECTRONIQUES  
4-7 octobre 1999

#### Objectifs

- Acquérir les connaissances thermiques nécessaires pour « prévenir » les difficultés thermiques rencontrées lors de la conception, plutôt que de guérir après coup, et/ou permettre la discussion avec les spécialistes.
- Analyser le comportement thermique des composants et des ensembles.
- Prendre en compte l'environnement thermique des ensembles électroniques.
- Comprendre les solutions adoptées.