

The objectives of ILASS-Europe shall be to promote the science and application of liquid atomisation and spray systems by means of: sponsorship of annual scientific meetings, promotion and preparation of technical papers, and promotion of membership in ILASS-Europe among interested and qualified persons resident in the geographical area of Europe. Furthermore, ILASS-Europe has the purpose to foster scientific and technological exchange among member countries.

# ILASS

# EUROPE

June 2005



20th *ilass*

Annual Meeting of the Institute of  
Liquid Atomization and Spray System

5<sup>th</sup>-7<sup>th</sup> September 2005  
Orléans - FRANCE

The 20<sup>th</sup> ILASS 2005 Europe Conference is organized by the Laboratoire de Combustion et Systèmes Réactifs (LCSR-CNRS) and will take place at Orléans's University (France) in The École Polytechnique de l'Université d'Orléans.

## Conference Program



### MONDAY 5th September 2005

09:00-09:30 – Welcome Addresses - Plenary Room  
09:30-10:15 – Keynote Lecture 1 - Plenary Room  
10:15-10:30 – *Coffee break*  
10:30-12:30 – Parallel Technical Sessions  
12:30-13:45 – *Lunch*  
13:45-14:30 – Keynote Lecture 2 - Plenary Room  
14:30-16:00 – Parallel Technical Sessions  
16:00-16:15 – *Coffee break*  
16:15-17:15 – Parallel Technical Sessions  
18:30-20:00 – Reception at Orléans's City Hall

### THUESDAY 6th September 2005

08:30-09:30 – Parallel Technical Sessions  
09:30-10:15 – Keynote Lecture 3- Plenary Room  
10:15-10:30 – *Coffee break*  
10:30-12:30 – Parallel Technical Sessions

12:30-13:45 – *Lunch*  
13:45-14:30 – Keynote Lecture 4 - Plenary Room  
14:30-16:00 – Parallel Technical Sessions  
16:00-16:15 – *Coffee break*  
16:15-17:15 – Parallel Technical Sessions  
19:00-23:00 – Conference Dinner

### WEDNESDAY 7th September 2005

08:45-10:15 – Parallel Technical Sessions  
10:15-10:30 – *Coffee break*  
10:30-12:30 – Parallel Technical Sessions  
12:30-13:45 – *Lunch*  
13:45-15:45 – Parallel Technical Sessions  
15:45-16:15 – Closing Session and Coffee break

For any inquiry consult the web pages at:

<http://www.ilass2005.org>

E-mail:

[info@ilass2005.org](mailto:info@ilass2005.org)

## Registration Fees

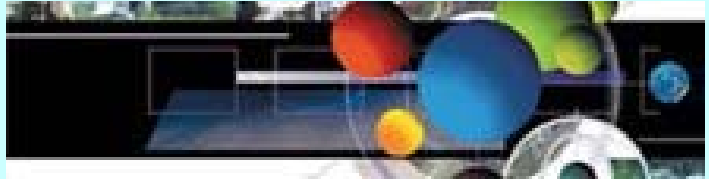
The Conference Registration Fee is **460 euros before June 30th, 2005.**

Late Registration is **510 euros (after June 30th, 2005).**

For Bona fide student, the Registration Fee is **410 euros before June 30th, 2005 (445 euros after June 30th, 2005)**

## The fee covers

The Conference Proceedings  
All Conference Services  
The Welcome Reception  
Lunches and Break refreshments  
Conference Dinner (Tuesday)



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To register as a new ILASS - Europe member, please fill the form that will appear in the web site:

<http://ilass-eu.litec.csic.es/>.

If there are any problems with this link please contact Antonio Lozano <alozano@litec.csic.es>.

We remind you, that, as decided in the last ILASS-Europe Committee Meeting, ILASS-Europe membership registration is free and all delegates at ILASS Europe Meeting will receive a one year membership of ILASS (Europe).

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The fee for Accompanying persons is **80 euros**.

## Registration

**A Welcome Reception is foreseen for participants who arrive on Sunday 4th. The rooms will be allocated on a first-come, first-served basis. Please register quickly to get your choice validated.**

**For payment by Credit Card please use the Online Registration form here: [Online Registration and Payment by Credit Card](#).**

**For other methods of payment please fill in the [Offline Registration form](#) and print it. Please specify your method of payment with the [Offline Payment form](#). You need to calculate your total fee and send the two forms to the address indicated in the Offline Payment form.**

**If you encounter problems with the Online Registration form contact ORLÉANS-CONGRÈS :**

### ORLÉANS-CONGRÈS

1, rue du Président Robert Schuman  
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Phone: (33) 02 38 56 97 30

Fax: (33) 02 38 56 97 35

E-mail: [congres@orleansgestion.fr](mailto:congres@orleansgestion.fr)

Web: <http://www.orleans-gestion.fr/congres/>

## Visa and Passport

Please check if you need a Visa to travel to France. An official letter inviting you to the conference can be obtained from the Local Organizing Committee chairman. Please contact conference secretariat here : [info@ilass2005.org](mailto:info@ilass2005.org) to obtain your invitation (e-mail subject : Visa).

**DEADLINE FOR FINAL PAPERS  
30 June 2005**

## Orléans in a few words...

Amidst the cereal plains of the Beauce, the green fields of the Gâtinais, the forest of Orléans and the ponds of the Sologne, Orléans, a Loire River city "par excellence", brings together a rich history and a prestigious and legendary environment of the Loire Valley. This ideal location produces a climate offering an indisputable quality of life.

As an economic, administrative and financial capital, the city is the most balanced metropolis of the Parisian Basin. At the last census, the Orléans area counted nearly 264 000 inhabitants. The area is made up of 20 towns, grouped together in 1999, to form the "Community of Communes".



An ideal land of welcome, situated in the heart of France, an hour from Paris. Orléans is renowned for its dynamic economic, scientific and university activity, as well as for its historic, cultural and tourist attractions.



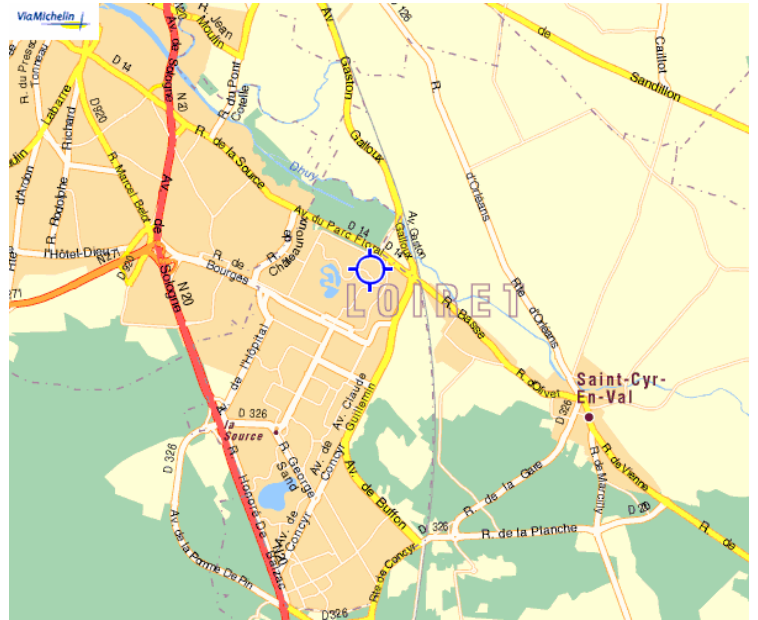


# University location

## 1. By rail

- SNCF, French national railway company  
<http://www.sncf.fr/>

Orléans, which is linked to Paris to the South-East by the railway station of Paris-Austerlitz, has 2 stations : **Orléans** and **Les Aubrais**. Main lines go through Les Aubrais but a shuttle service connects both stations. There are about 5 trains (at least one per hour) that serve one of these 2 stations from Paris between 5.30 am and 10.30 am. In the opposite side, there are at least as many trains on evenings as on mornings between 4.30 pm and 9.00 pm. **The trip between Paris and Orléans lasts about an hour.**



To get to the University, you should get off the train at “Les Aubrais station” (first stop after Paris ) and take the tramway.

- Tram and bus services in Orléans (SEMTAO, Orléans tram and bus company)

At “Les Aubrais station”, the tram stop is located near the car parks, about 20 metres away just in front of the station. There is a tram every **6 to 20 minutes**, from 5.30 am to 0.30 am. The distance between the University and the station is about 20-35 minutes.

The tram service which links “Les Aubrais station” to the campus (**20 to 35 minute-trip**) gets 3 stops: **Université-Château**, **Université-Parc Floral** and **Université-Indien**.



## 2. By Plane

The nearest airports are in Paris (120km from Orleans) from where you have either to take a shuttle/taxi to get to the Austerlitz railway station (grandes lignes)

- From **Charles-De Gaulle Airport (Roissy)**

Arriving in Roissy I or T9, take the shuttle bus to Gare RER. Arriving in Roissy II, either walk or take the shuttle bus to Gare RER (Carefull when going back: there are two RER stations, one for CDG1 and T9 and the second one for CDG2, check on your plane ticket which one you'll take).

From either station, take the **RER B** suburban train, direction "Paris". Change at "**Saint-Michel Notre Dame**" (all trains stop there) and take **RER C** direction Orly... to "**Gare d'Austerlitz**".

Air France bus 4 takes you to Gare de Lyon (stop in front of the main entrance, 50m bellow the clock-tower). This is within waking distance to ``Gare d'Austerlitz". (see here for a map). This bus goes on to Gare Montparnasse.

There is also **Roissybus** to Paris-Opera. This may be interesting if you stay in the city before coming to Orléans.

If not, from Opera, you have to join ``Gare d'Austerlitz": take RER A direction Marnes-la-Vallée or Boissy Saint-Leger and get of at gare de Lyon. This is within waking distance to ``Gare d'Austerlitz". (see here for explanations).

- From **Orly**

Take the Shuttle to the **RER C** station "Pont de Rungis - Aéroport d'Orly". From there, take a train, direction Paris and get off at Gare d'Austerlitz.

There is also Air France bus 1 to Paris: Denfert Rochereau, Gare Montparnasse or Invalide. This may be more interesting if you stay in the city before coming to Orléans.

From Denfert Rochereau or Gare Montparnassetake Metro 6, direction Nation. Get of at Place d'Italie where you change to Metro 5, direction Bobigny-Pablo Picasso. Get of at "Gare d'Austerlitz".

From Invalide take RER C direction Orly... to "Gare d'Austerlitz".

There is also **Orlybus** to Paris-Denfert Rochereau. This is interesting if you stay in the city before coming to Orléans. See above to go from Denfert Rochereau to "Gare d'Austerlitz".



### **10th International Congress on Liquid Atomization and Spray Systems ICLASS-2006 August 27 - September 1, 2006 Kyoto, Japan**

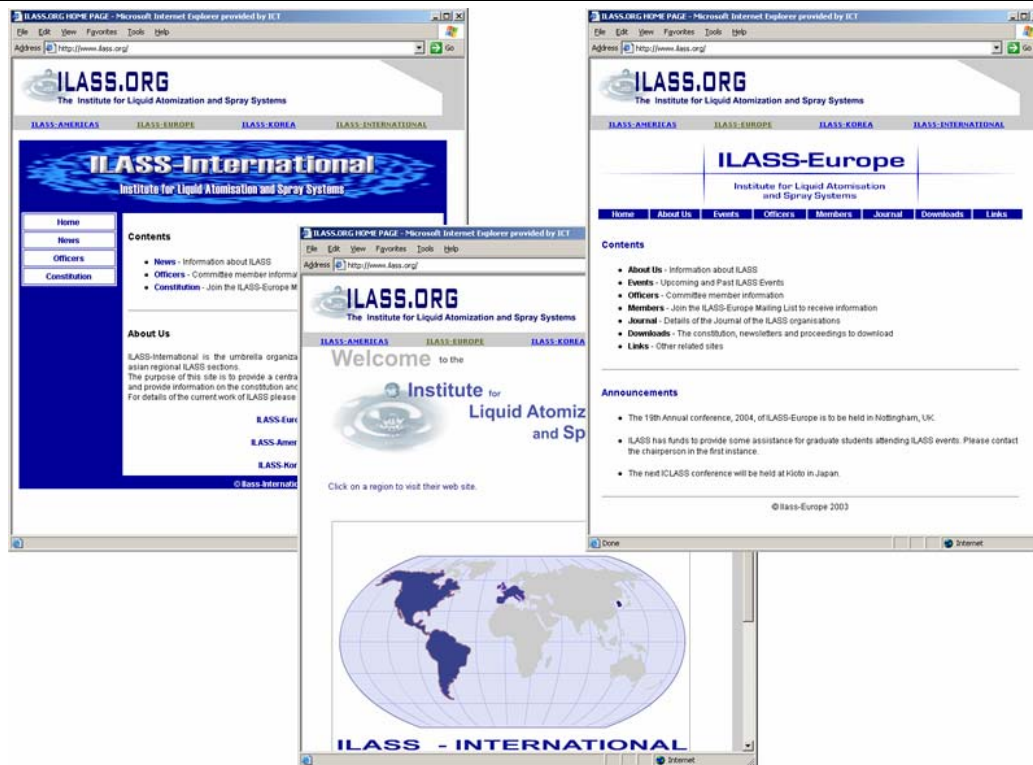
The 10th International Conference on Liquid Atomization and Spray Systems (ICLASS-2006) will be held at Kyoto Citizen's Amenity Plaza (Kyoto Terrse), Kyoto, Japan from the 27th of August to the 1st of September 2006.

The theme of the conference covers all aspects of liquid and metal atomization and their sprays for droplet size orders ranging from a nanometer to as large as a millimeter. The congerence program will include theoretical and experimental works and simulations related to various scientific and industrial fields, for example, steady combustion, non-steady combustion, coating, painting, cooling, medicine, agriculture, environment, etc.

The conference is a very significant event. All researchers, engineers and students in the field of atomization are strongly encouraged to attend and participate in this conference to discuss issues related to the topics mentioned above. The event should be a very rewarding experience for the attendees.

# A few notes concerning the ILASS websites

Recently some effort has gone into reorganising the ILASS web presence, not only ILASS-EUROPE, but of ILASS as a whole.



## 1. ILASS.ORG

A new top level domain has been established and has been set up (thanks to our American friends).

See: <http://www.ilass.org>

## 2. ILASS EUROPE

This site has been redesigned, but stays at the same URL, ie

See: <http://www.ilass-eu.ic.ac.uk/default.htm>

An 'events' section provides details of past and future conferences. The 'officers' section gives the contact details of the committee members. Note the email addresses are not provided on the site to prevent bots collecting them. The emails are in the newsletters. The 'members' section provides access to an email list which you may join. This is open to anyone and permits ONLY the committee members to send you information on upcoming events, usually the coming ILASS conference. No-one other than the committee members has access to this list, and will never be used for anything other than ILASS use.

We would also remind that, as decided in the last ILASS-Europe Annual General Meeting, ILASS-Europe affiliates have to satisfy a 20 Euro payment in concept of membership fee to be fulfilled preferably during the celebration of the ILASS-Europe Annual Conference. Alternatively, payment can be made effective by bank transference to the ILASS-Europe account (for information, contact Ing. Ragucci at [ragucci@irc.na.cnr.it](mailto:ragucci@irc.na.cnr.it)). Inclusion in the web pages email list does not constitute a registration as an ILASS-Europe member. To register as one you have to follow the on-line procedure in <http://ilass-eu.litec.csic.es>, or clicking in the link that will soon be ready in the web pages, and complete the membership fee payment.

The 'journal' section provides links to Begell House and our 'atomization and sprays' publication.

The 'downloads' section archives newsletters and also electronic conference proceedings.

## 3. ILASS-INTERNATIONAL

This site has been redesigned and stays at

[http://www.ilass-int.ic.ac.uk/ilass\\_int.htm](http://www.ilass-int.ic.ac.uk/ilass_int.htm)



# ILASS-EUROPE

Institute for Liquid Atomization and Spray Systems – Europe

DIRECTORY 2004- 2005

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# Atomization and Sprays

## International Journal of the Institute of Liquid Atomization and Spray Systems

The journal is now in its 13th year of publication at six issues per year. Manuscripts may be submitted to the Editor, Norman Chigier, or the Associate Editor, Joachim Domnick. All manuscripts are reviewed by three experts who recommend revisions prior to publication.

For a journal in such a narrow specialized field --after only 9 years of publication-- the quality is recognized as high. ILASS members are encouraged to submit manuscripts and to encourage their libraries to subscribe.

**Payments** for subscriptions to the journal "Atomization and Sprays" can be made by the following credit cards: VISA, Mastercard, American Express, Discover Card, Diners Card

**Subscribers can make payments by mail to:**

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New York, NY 10016  
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### **Manuscripts**

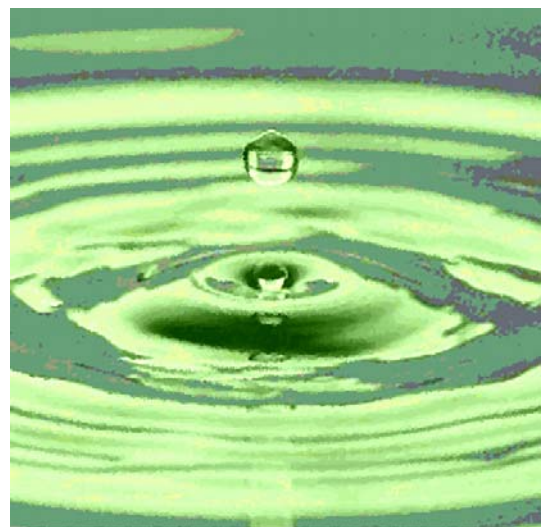
Please send three copies of manuscripts for consideration to

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Esslingen University of Applied Sciences  
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# NEXT CONFERENCES

2005

## August

**August, 07-12, 05, INTERDISCIPLINARY TRANSPORT PHENOMENA IN MICROGRAVITY AND SPACE SCIENCES IV**, Tomar, Portugal, Formerly "Microgravity Transport Processes in Fluid, Thermal, Biological and Materials Science", S. S. Sadhal, University of Southern California, USA

**August, 22-25, 05, 8TH INTERNATIONAL SYMPOSIUM ON FLUID CONTROL, MEASUREMENT AND VISUALIZATION (FLUCOME)**, Chengdu, CHINA, Prof. J. Chen; Email: flucome@8flucome.org or ryanweii@vip.sina.com

**August, 28- Sept 2, 05, CHEMICAL REACTOR ENGINEERING X; INNOVATIONS IN CHEMICAL REACTOR ENGINEERING**, Zacatecas, Mexico, H. de Lasa and F. Berruti, Univ. of Western Ontario; J.A.M. Kuipers, Univ. of Twente; B. Serrano, Universidad Autonoma de Zacatecas

**August 29- 1 September, 05, 16TH INTERNATIONAL SYMPOSIUM ON TRANSPORT PHENOMENA (ISTP-16)**, Prague, CZECH REPUBLIC, Prof. J. Jezek; E-mail: ISTP16@fsid.cvut.cz or jan.jezek@fs.cvut.cz

**August 30-31, 05, COMMERCIAL REFRIGERATION**, Vicenza, ITALY, Secretariat; E-mail: conference.iir2005@unipd.it

**August 31- 2 September, 05, THERMOPHYSICAL PROPERTIES AND TRANSFER PROCESSES OF REFRIGERANTS**, Vicenza, ITALY, Secretariat; E-mail: conference.iir2005@unipd.it

## September

**September, 05-07, 05, 20TH ILASS Europe International Conference, Orleans, France, Prof. Iskender Gökalp, chauveau@cnsr-orleans.fr**



## Orléans

Capital of Loiret dept. on the Loire River. A commercial and transportation center, Orléans was first known as Genabum, a commercial city of the Carnutes, a Celtic tribe. Under the Capetians, the first kings of France, the city became (10th cent.), after Paris, the principal residence of the French kings.

During the 17th and 18th cent. the city was a prosperous industrial and commercial center, and its university (founded 14th cent.) was famous throughout Europe.

**September, 11-16, 05, 5TH INTERNATIONAL CONFERENCE ON ENHANCED, COMPACT AND ULTRA-COMPACT HEAT EXCHANGERS: SCIENCE, ENGINEERING AND TECHNOLOGY**, Whistler, BC, Canada, R. Shah, Rochester Inst. of Technology; M. Ishizuka, Toyama Prefectural Univ.; T.M. Rudy, Exxon Mobil; V.V. Wadekar, Hyprotech, UK.

**September, 12-17, 05, 10TH JUBILEE WORKSHOP ON TRANSPORT PHENOMENA IN TWO-PHASE FLOW**, Sunny Beach Ressort, BULHARIA, Prof. Ch. Boyadjiev; E-mail: chboyadj@bas.bg

**September, 12-16, 05, MICROMECHANICS AND MICROSTRUCTURE EVOLUTION: MODELING, SIMULATION AND EXPERIMENTS**, Madrid, Spain, S. B. Biner, Iowa State Univ.; J. Llorca, Polytechnic Univ. of Madrid; J. R. Morris, ORNL; L. Kubin, LEM, CNRS- ONE

**September, 14, 05, 28TH WORLD ENERGY ENGINEERING CONGRESS**, Austin, Texas, United States, **Website:** <http://www.aeecenter.org/weec>, **E-mail:** ted@aeecenter.org

**September, 19-22, 05, 4TH INTERNATIONAL CONFERENCE ON HEAT TRANSFER, FLUID MECHANICS AND THERMODYNAMICS (HEFAT2005)**, Cairo, EGYPT, Prof J.P. Meyer; E-mail: jmeyer@up.ac.za

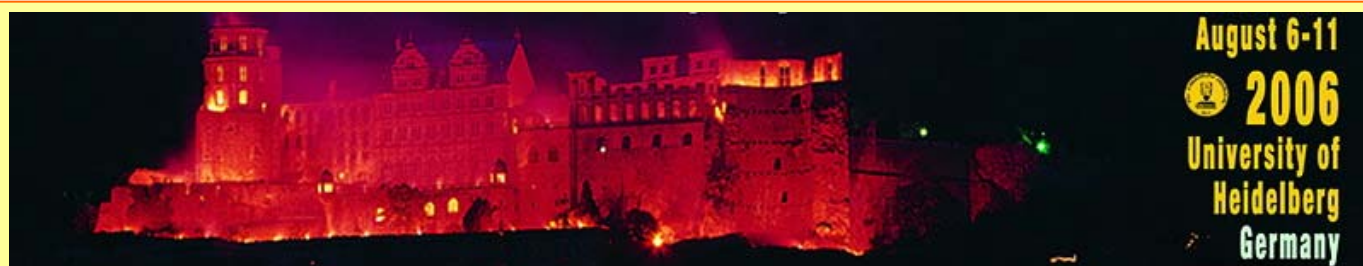
**September, 19-23, 05, CISM COURSE ON BOILING HEAT TRANSFER AND BOILING EQUIPMENT**, Udine, ITALY, Prof. P. Di Marco; E-mail: p.dimarco@ing.unipi.it

**September, 19 -21, 05, 3RD INTERNATIONAL CONFERENCE ON FLUID STRUCTURE INTERACTION**, La Coruna, Spain , **Website:** <http://www.wessex.ac.uk/conferences/05/fsi05/index.html>, **Contact name:** Amy D'Arcy-Burt, **E-mail:** adarcy-burt@wessex.ac.uk, Organized by: Wessex Institute of Technology, UK

**September, 21-23, 05, 8TH INTERNATIONAL CONFERENCE ON COMPUTATIONAL MODELLING AND EXPERIMENTAL MEASUREMENTS OF FREE AND MOVING BOUNDARY PROBLEMS**, La Coruna, Spain, **Website:** <http://www.wessex.ac.uk/conferences/05/mb05/index.html>, **Contact name:** Amy D'Arcy-Burt, **E-mail:** adarcy-burt@wessex.ac.uk, Organized by: Wessex Institute of Technology, UK

**September, 21-23, 05, 6TH INTERNATIONAL SYMPOSIUM ON PARTICLE IMAGE VELOCIMETRY**, Pasadena, CA, USA, PIV 2005; E-Mail: msalcedo@caltech.edu

**September, 25-30, 05 HEAT TRANSFER AND FLUID FLOW IN MICROSCALE**, Ciocco, Castelvechio Pascoli , Italy, G.P. Celata, ENEA; J.R. Thome, EPFL; N. Kasagi, Univ. of Tokio; S.G. Kandlikar, Rochester Inst. of Technology



## 31<sup>st</sup> International Symposium on Combustion

Heidelberg, Germany  
August 6-11, 2006

<http://www.combustion2006.org>

*Deadline for submission of full papers is December 4, 2005.*

*Deadline for Work-In-Progress posters is April 14, 2006*

The Interdisciplinary Center for Scientific Computing is proud to announce the official dates for the 31st International Symposium on Combustion.

Please refer to the website of the Combustion Institute ([www.combustioninstitute.org](http://www.combustioninstitute.org)) or our website for details and up-to-date information. Registration will be possible on-line from February 2006 onwards.

In its structure, the 2006 Symposium will follow the tradition of previous events, including Tuesday night's classical concert, Wednesday afternoon's picnic and Thursday night's banquet. Also, a well-rounded program for accompanying persons will be offered to show you the beauty of Germany's cities and countryside.

Looking forward to welcoming you all to Germany in 2006!

J. Warnatz (Local Host Chair)  
U. Riedel (Local Host Vice Chair)

**October, 06-10, 05, 4TH MEDITERRANEAN COMBUSTION SYMPOSIUM**, Lisbon, PORTUGAL, Dr. F. Beretta; E-mail: beretta@irc.cnr.it

**October, 11-13, 05, INTERNATIONAL CONFERENCE & EXHIBITION FOR FILTRATION AND SEPARATION TECHNOLOGY (FILTECH 05)**, Wiesbaden / Frankfurt, Germany, **Website:** <http://www.filtecheuropa.com/>, **Contact name:** Suzanne Abetz, E-mail: paper@FiltechEuropa.com, Organized by: VDI-GVC, Filtration Society, GÖCH, PACE, CSChE, German Membrane Society

**October, 31- 2 November, 05, THIRD INTERNATIONAL CONFERENCE ON COMPUTATIONAL METHODS IN MULTIPHASE FLOW**, Portland, Maine, United States, **Website:** <http://www.wessex.ac.uk/conferences/05/mpf05/index.html>, **Contact name:** Katie Banham, E-mail: kbanex.ac.uk, Organized by: Wessex Institute of Technology, UK



## August 27 - September 1 2006

### Key Dates

**Abstract Due Date** □ 15th December 2005

Final Acceptance of Abstract □ 31st January 2006

Full Draft Due Date □ 28th March 2006

Final Acceptance of Full Draft □ 30th May 2006

Conference Program Open □ 20th June 2006

**Early Bird Registration** □ 28th Feb 2006

**Full Paper Due Date** □ 27th July 2006



## 2006

**3-6 January 2006, Second International Conference on Thermal Engineering Theory and Application**. Al-Ain, UAE, Dr. Yousef Haik; E-mail: yhaik@uaeu.ac.ae

**4-6 January 2006, Seventh ISHMT/ASME Heat and Mass Transfer Conference**, Guwahati, INDIA, Dr. V.V. Wadekar; E-mail: Vishwas.Wadekar@aspentech.com

**7-12 May 2006, ECI 6th International Conference on Boiling Heat Transfer**, Spoleto, ITALY, Dr. G.P. Celata, Fax: +39 06 3048 3026; E-mail: celata@casaccia.enea.it

**13-18 August 2006, 13th International Heat Transfer Conference**, Sydney, AUSTRALIA, Prof. G. de Vahl Davis; E-mail: g.devahldavis@unsw.edu.au

