

IACS NewsLetter n° 2, May 2003

- 1) [Message of the President](#)
 - 2) [IACS Council Meetings](#)
 - 3) [13th ICC News \(Paris, July 11 – 16, 2004\)](#)
 - 4) [Introducing a Catalysis Society Member of IACS: The Catalysis Society of India](#)
 - 5) [News from Catalysis](#)
 - 5.1) New appointments to the IACS Council
 - 5.2) Awards
 - 5.3) Asia
 - 5.4) Catalysis in Germany
 - 6) [Relevant Events, until September 2003](#)
 - 7) [Useful links](#)
 - 7.1) National networks
 - 7.2) European Networks
 - 7.3) International associations
- [ANNEX: 13th ICC, further information](#)

1) Message of the President

Dear Colleagues,

In December 2002, we published Newsletter N°1. We hope you found it useful. We are eager to have your comments and also the information you feel might be of interest to our readers and to our community. We also ask you to systematically forward the Newsletter to the members of your national catalysis society/community.

In this second Newsletter, I would like to draw your consideration on the following points:

- Bids for hosting ICC14

While the organisation of ICC13 is progressing satisfactorily (the second circular will be sent soon; please see below §3), it is time to already think about ICC14. As you know, the selection of the next ICC location is one of the main tasks of our Council. We therefore ask the national representatives of countries who want to host ICC14 to prepare their bids. The deadline for sending the full application is **May 1st, 2004** and the bids should be sent to the IACS secretary, I. Tkatchenko, at the following address:

LSEO, FRE 2595 CNRS U-Bourgogne
9 avenue Alain Savary - BP 47870
F-21078 DIJON Cedex (France)
Tel +33 (0)380 393 771, Fax +33 (0)380 393 772
E-mail: tkatchen@u-bourgogne.fr

- Young Scientists Prizes

With the coming of the spring, we naturally think of the young catalysis generation. The previous IACS Councils attached a great importance to this generation and established prizes for young scientists (not older than 35 at the end of the Congress) presenting a remarkable contribution to the ICC. The authors of submissions must make clear that the person competing for the prize is the main author, fulfils the age requirements and will present the contribution, as oral or poster. Each prize consists of a certificate and a reimbursement of the registration fee of the Congress.

Please advertise the existence of such Prizes amongst students/post-docs/young co-workers of your society/community.

- International Catalysis Award: Call for nominations

From the young generation to the next one! The call for nominations for the International Catalysis Award now refers to scientist under 45 years. It has already been published in Newsletter N°1 (§ 5). We kindly ask the members of the IACS Council to broadly advertise this call in order to have the best possible candidates from their respective countries and... beyond because, as stated in Newsletter N°1, selection will be made without regard to nationality and affiliation. The important date to remember is **September 1st, 2003**, the deadline to submit the documents.

As we scan through the generations, it may appear that the more senior ones have been forgotten. We wish to mention that the current Executive Committee is working on this particular point.

I thank you in advance for your attention and am looking forward to receiving your comments.

Michel Che.

2) IACS Council Meetings

An informal meeting of the IACS Council is suggested at the occasion of EuropaCatVI, September 1-5, 2003 in Innsbruck (Austria). The IACS Council Members are kindly asked to inform I. Tkatchenko (tkatchen@u-bourgogne.fr), **not later than July 1st, 2003**, whether they will be attending EuropaCatVI and the day(s) where they will be present, in order to organise the IACS Council meeting with the maximum of attendees. Any suggestion for the agenda is welcome. One particular point on the agenda concerns the World Forum on Catalysis that Prof. G. Centi, the present President of EFCATS (European Federation of the Catalysis Societies), has proposed as follows:

"WFC will be an open place to promote catalysis at a global level. WFC will NOT organize meetings, but will be instead a way to create a more effective network of relationships between the main associations of catalysis in the world."

This proposal has been examined by the IACS Executive Committee who questions the need of creating yet another organisation with the inevitable ambiguity between an established *International* Association and a new *World* Forum. Is it the best way to give a clear and unified image of catalysis?

3) 13th ICC News (Paris, July 11 – 16, 2004)

The organisation of the 13th ICC is progressing. New information concerning the Congress will be given about mid-May by means of the Second Circular and the web site. In priority you will find below some data concerning the scientific aspects of the congress.

SCIENTIFIC ASPECTS

As already said in the First Circular, the general scope of the 13th ICC is "Catalysis and 21st Century Challenges – Basic Science and the Needs of Society". The main objective of the Congress is to discuss all types of catalysis (homogeneous, heterogeneous and others) related to innovative and current topics, with emphasis on prediction of catalyst characteristics and performance. Cross-fertilisation with related fields such as theoretical chemistry, physics, chemical engineering, earth and life sciences will be strongly favoured. High-level scientific contributions including basic research and industrial requirements will be particularly appreciated.

The following topics will be addressed:

Basic Science: New trends and concepts

1. Catalyst preparation and characterisation

Molecular design of the catalytically-active site. Active immobilised complexes including organic-inorganic hybrids. From active sites to structured catalysts. Nanostructured supports and productive phases. Advanced characterisation: new techniques and major improvements. *In situ* techniques for catalysis in single- or multi-phases.

2. Catalytic reaction mechanisms

Contribution of model catalysts and surface science. Identification of reaction intermediates. Mechanisms at the molecular level. Macro- and micro-kinetics, non-steady-state kinetics. Theoretical modelling and calculations.

3. Catalytic reaction engineering: multi-scale approach

New reactors and structured catalysts (membrane, monoliths, multi purpose and micro reactors). Combinatorial catalysis, high-throughput testing. Reactions in non-conventional media (supercritical media, ionic liquids). Solvent-free processes. Catalysis in multiphasic media. Non-conventional activation techniques. Photocatalysis. Electrocatalysis. Enzymatic catalysis.

Needs of Society: Towards sustainable development

4. Fuels and energy for the future

New trends in refining and petrochemicals. Alternative fuels. Hydrogen production. Fuel cells. Catalytic combustion.

5. Synthesis of chemicals and polymers: towards cleaner processes and atom economy

Tuning and improving reaction selectivity and productivity. New or improved catalytic reactions. Catalytic conversion of renewables. Catalyst regeneration and recycling. New approaches in asymmetric catalysis. Bio-inspired catalysis. Catalysis with immobilised enzymes.

6. Pollution, prevention and remediation

Abatement of atmospheric pollutants. Global warming reduction. Water and soil depollution.

Eminent Plenary Lecturers will introduce each session:

Session 1: Prof. Avelino Corma, Institute of Chemical Technology, Valencia, Spain

Session 2: Prof. Enrique Iglesia, University of California, Berkeley, CA, USA

Session 3: Dr. Frits Dautzenberg, ABB Lummus, Bloomfield, NJ, USA

Session 4: Dr. Jens Rostrup-Nielsen, Haldor Topsøe A/S, Lyngby, Denmark

Session 5: Prof. Ryoji Noyori, Nagoya University, Japan

Session 6: Prof. Robbie Burch, Queen's University, Belfast, UK

Besides these 6 plenary lectures (60 min), the programme will include the award lecture of the Recipient of the International Catalysis Award, about 10 keynote lectures (40 min), 120 oral presentations (30 min) and 600 posters. All the presentations should be related to recent and innovative studies. The invited keynote lectures and the oral communications will be organised in four parallel sessions. The poster presentations will be organised in topical sessions. Each poster will be on display for two days in the exhibition hall where the coffee breaks will take place.

Authors will be invited to submit their abstracts simultaneously in two formats on the web site:

- a two-page abstract,
- a half-page abstract (to be included in the book of abstracts available on Congress site).

The selection of the oral papers and poster presentations will be based on the two-page abstracts, which will be reviewed by three referees.

The Scientific Committee will decide whether the selected contributions will be presented orally or as poster. Authors will be notified of acceptance or refusal by **1st March 2004**.

Information on the format of the abstracts will be available on the website. Abstract submission will be possible on the web site between **15th September** and **5th November 2003**.

The plenary and award lectures will be published in Catalysis Reviews.

The extended abstracts of the oral presentations and posters will be available on the Congress website one month before the opening of 13th ICC.

A book of half-page abstracts of all contributions will be distributed on site.

A CD ROM including the minutes of the discussions of oral presentations and the abstracts of all presentations will be sent to all registered participants after the Congress.

IACS PRIZES

The Council of the International Association of Catalysis Societies (IACS) has established a number of prizes for young scientists (not older than 35 at the end of the Congress) making a contribution to the 13th ICC. The authors of submissions must make clear that the person competing for the prize is the main author, fulfils the age requirements and will present the contribution, oral or as poster.

The Scientific Committee will select the winners of these prizes on the basis of the scientific quality of the papers submitted.

Each prize will consist of a certificate and a reimbursement of the registration fee of the Congress.

KEY DATES

Opening of the website, <http://www.13icc.jussieu.fr>: 5th May 2003

Abstract submission: 15th September – 5th November 2003

Registration: from 1st November 2003

Notification of acceptance: 1st March 2004

IACS Council meeting: 11th July, 2004

Welcome reception: 11th July 2004

CONTACTS

Administrative Secretariat

13 ICC 2004, c/o Colloquium

Cécile Briot

12, rue de la Croix Faubin, 75557 Paris Cedex 11, France (Tel: +33/(0)1 44 64 15 15, Fax: +33 (0)1 44 64 15 16, e-mail : 13ICC2004@colloquium.fr)

ICC Organizing and Executive Committee Secretariat

13 ICC 2004, c/o I F P

Prof. Christine Travers

228-232, avenue Napoléon Bonaparte, 92852 Rueil Malmaison Cedex, France (Fax : +33 (0)1 47 52 71 19; e-mail : christine.travers@ifp.fr)

Further information could be found in the Annex, at the end of this Newsletter.

4) Introducing a Catalysis Society Member of IACS: The Catalysis Society of India

The Catalysis Society of India was founded exactly thirty years ago in March 1973 on the banks of Ganges at Banaras Hindu University by the efforts of Prof. S.K. Bhattacharya and Prof. J.C. Kuriacose. In thirty years, the membership has grown by 10 times to over 750 today. The growth of the Catalysis Society is an indication of the growth of the research activities in India and also the importance that catalysts play today in industry.

With a handful of research centres in 1970s, the spread of activities in catalysis research has since been wide and intense. Today, there are about 30 centres in this country, where serious research is pursued. The focus on research has undergone considerable change over the last three decades. Development of catalysts and processes for the petroleum refining, petrochemical and chemical industries shifted from the national policy of self-reliance and domestic to worldwide challenges and globally competitive technologies. While these industries made use of the best catalysts and technologies to take us to better standard of lives all around, it is also important to note that our country's special needs and social compulsions have been taken care of while adapting the technology or the catalysts. Several Indian R&D centres have contributed immensely to the requirements of the industry and are geared to take up fresh challenges. Today, these challenges are global and not restricted only to some advanced countries. Quantum efficiency in chemical processes, environmental issues, production of desired, value-added chemicals (selectivity issue) are some of the needs for which catalysis research should find solutions. With advanced facilities at hand, combinatorial and theoretical approaches providing the course, it should be possible to design a catalyst for every requirement and situation.

In basic research, the Indian catalysis community has made significant contributions, seen through the number of research publications and more importantly, the number of patents. It is a healthy trend to see that universities and Indian Institutes of Technology (IITs) have taken up the Indian Public Research issues seriously and it augurs well for the future. On a rough estimate, the Indian Catalysis community publishes about 350 papers every year and I strongly believe that there is a potential to take up this number to about 1000 per year very soon.

Education in catalysis has been a difficult proposition, as catalysis is a multi-disciplinary subject. Very few Universities or IITs have courses in catalysis. Still, today Ph.D. students specialising in catalysis are found in many Universities, National Laboratories and IITs. In the last few years, with the support of the Division of Science and Technology, New Delhi, it has been possible to offer orientation courses in catalysis, tailored for students pursuing research in the area of catalysis. The last three courses, each for duration of 3 weeks have been successfully conducted at three different IITs.

Another important activity of the Society is the publication of the "Bulletin of the Catalysis Society of India" on a bimonthly basis. I am happy to say that this bulletin has now been recognised by a Government of India notification as a regular scientific journal and the first volume of the journal has been brought out in 2002. The bulletin should act as a window to research activities in India and possibly in the Asian region soon. To sustain and take this Indian journal on catalysis to greater heights, I would appeal to everyone to contribute research articles and critical reviews to the journal in large number.

The Society encourages catalysis research through several awards. S.K. Bhattacharya Eminent Scientist Award, Sistla Kameswari Young Scientist Award and the L.M. Yeddanapalli Award for young researcher are some of the awards given biannually by the Catalysis Society of India.

A. V. Ramaswamy

President,

The Catalysis Society of India

The 16th meeting of the Catalysis Society of India was held in Hyderabad, February 6-8, 2003 together with the 1st Indo-German Conference on Catalysis. The plenary and keynote lectures of the meeting will be published in a special issue of *Topics in Catalysis*.

5) News from Catalysis

5.1) New appointments to the IACS Council

- Profs. A. Holmen and T. Salmi are replacing Drs. S. Jærås and H. Topsøe as representatives of the Nordic Countries:

Professor Anders Holmen

Department of Chemical Engineering

Norwegian University of Science and Technology (NTNU)

N-7491 Trondheim, Norway

e-mail: holmen@chemeng.ntnu.no

Fax: +47 735 950 47

Professor Tapio Salmi
Laboratory of Industrial Chemistry
Biskopsgatan 8, FIN-20500 Åbo, Finland
e-mail: tsalmi@abo.fi
Fax: +358 2 215 4479

- Prof. M. Anpo has been elected as the second Japanese representative, due to the appointment of Prof. M. Iwamoto as IACS Officer:

Prof. Masakazu Anpo
Department of Applied Chemistry
Osaka Prefecture University
1-1 Gakuen-cho, Sakai
Osaka 599-8531, Japan
anpo@ok.chem.osakafu-u.ac.jp
Fax: +81 (0)72 254 9910

5.2) Awards

- *Masakazu Anpo* received the 2003 Chemical Society of Japan (CSJ) Award for Creative Work on March 20th on the occasion of the CSJ 125th Anniversary celebrated at Waseda University.

- *Alex T. Bell* (UC Berkeley, USA) has been awarded the 2003 Robert Burwell Lectureship in Catalysis by the North American Catalysis Society (details at <http://www.nacatsoc.org/news.asp>).

- *Avelino Corma* (Technical University of Valencia, Spain) is the recipient of the 2003 Eugene J. Houdry Award in Applied Catalysis. The Award is sponsored by Süd-Chemie, Inc. (details at <http://www.nacatsoc.org/news.asp>).

- *Michèle Breysse* (Université Pierre et Marie Curie, Paris, France) received last November the Grand Prix of the French Academy of Science sponsored by the Institut Français du Pétrole (details at http://www.academie-sciences.fr/prix/pdf/laureats_grands_prix_2002.pdf).

- *Robert H. Grubbs* (Caltech, Pasadena, USA) received at the last ACS Meeting, New Orleans, the 2003 ACS Award in Homogeneous and Heterogeneous Catalysis sponsored by Shell Oil Foundation (details at <http://www.chemistry.org/portal/Chemistry?PID=acsdisplay.html&DOC=awards\awards2003.html>)

- *Leo Manzer* (DuPont de Nemours, Wilmington, USA) received at the last ACS Meeting, New Orleans, the 2003 E.V. Murphree Award in Industrial and Engineering Chemistry (details at <http://www.chemistry.org/portal/Chemistry?PID=acsdisplay.html&DOC=awards\awards2003.html>).

- *Stu Soled* wins Excellence in Catalysis Award from the Catalysis Society of Metropolitan New York (details at <http://www.nacatsoc.org/news.asp>).

5.3) Asia

- *125 years of the Chemical Society of Japan*. Several events marked this celebration last March, the culminating ones being the reception in the presence of Emperor Akihito and Empress Michiko and the lecture by the 2002 Nobel Laureate Koichi Tanaka. Under the omnipresent direction of Ryoji Noyori, 2001 Nobel Laureate in Chemistry, CSJ also released a book about its history, starting in 1878 with the Tokyo Chemical Society... and presently flourishing with three Nobel Prizes in Chemistry won by Japanese in the past three years.

- *Makoto Misono* will follow in 2004 R. Noyori, current past-President, at the head of the Chemical Society of Japan: heterogeneous catalysis is succeeding homogeneous catalysis...

5.4) Catalysis in Germany. A panel of the German Network in Catalysis (ConNeCat) has written a Roadmap of the German research on catalysis entitled: "Katalyse, eine Schlüsseltechnologie für nachhaltiges Wirtschaftswachstum" (Catalysis –a key technology for sustainable economy growth). This document, only available in German, could be printed from the ConNeCat web site (http://www.conneecat.de/media/document/m7_m1044453105749_roadmap-gesamt-final.pdf?PHPSESSID=f364ccfa18ff5ea2daffbdcc4acdcdba).

It is completed by an advocacy from the German Union of Chemical Industries (VCI), entitled: "Weiterentwicklung der Katalysatorforschung in Deutschland" (Further development of research on catalysis in Germany) which could be printed from the web site of VCI (http://www.vci.de/fr_showdokument.asp?DokNr=77173&userid=).

6) Relevant Events, until September 2003

May 12 – 14, 2003, London, UK

CHIRAL Europe 2003

Additional information: www.scientificupdate.co.uk

May 14, 2003, Birmingham, UK

Heterogeneous Catalytic Hydrogenation for Organic Synthesis

Additional information: http://www.icheme.org/crystal_fastagile.pdf

May 19 – 24, 2003, Frankfurt/Main, Germany

ACHEMA 2003

27th International Exhibition-Congress on Chemical Engineering, Environmental Protection and Biotechnology

Additional information: <http://www.achema.de>

June 1 – 6, 2003, Cancun, Mexico

NAM 18

18th North American Catalysis Society Meeting

Additional information: <http://www.18nam.org>

June 3, 2003, Manchester, UK

Novel Technologies for Future Manufacture of Fine Chemicals

Additional information: www.scientificupdate.co.uk

June 15 – 18, 2003, Taipei, Taiwan

IPCAT-3

3rd Conference of the Indo-Pacific Catalysis Association

Additional information: <http://www.ch.ntu.edu.tw/~ipcat3>

June 15 – 18, 2003, Atlanta, Georgia, USA

77th ACS Colloid and Surface Science Symposium

Additional information: <http://colloids2003.ce.gatech.edu>

June 26 – July 3, 2003, Olomouc, Czech Republic

BIOTRANS'03

6th International Symposium on Biocatalysis and Biotransformations

Additional information: <http://www.biotrans2003.upol.cz/>

July 06 – 10, 2003, Toronto, Canada

OMCOS 12

Organo-Metallic Chemistry directed towards Organic Synthesis

Additional information: omcos@chem.utoronto.ca

July 16 – 18, 2003, University of Glasgow, UK

International Symposium on Applied Catalysis

Additional information: http://www.chem.gla.ac.uk/colloquia/catalyst/Catalysis_Symposium.html

July 20 – 25, 2003, Evanston, Illinois, USA

ISHHC 11

11th International Symposium on Relations between Homogeneous and Heterogeneous Catalysis

Additional information: <http://www.northwestern.edu/catalysis/shhc11.html>

July 5 – 10, 2003, Strasbourg, France

5th Paul Sabatier Conference on Catalysis

Additional information: conference.sabatier@epcm.u-strasbg.fr

July 6 – 18, 2003, Faro, Portugal

NATO Advanced Study Institute

Sustainable Strategies for the Upgrading of Natural Gas: Fundamentals, Challenges, and Opportunities

Additional information: <http://flemos.ist.utl.pt/natoasi2003>

August 3 – 6, 2003, Sapporo, Japan

ZMPC 2003

International Symposium on Zeolites and Microporous Crystals

Additional information: <http://ac3.as.akita-u.ac.jp/ZMPC-2003/>

August 10 – 15, 2003, Ottawa, Canada

IUPAC 39th Congress: Chemistry at the Interfaces

Additional information: <http://www.nrc.ca/confserv/iupac2003/>

August 27 – 28, 2003, Bath, United Kingdom

ISMR3

3rd International Symposium on Multifunctional Reactors

Additional information: <http://www.bath.ac.uk/chem-eng/ISMR3/>

August 31 – September 4, 2003, Innsbruck, Austria

Europacat-VI

6th European Catalysis Conference

Additional information: <http://www.europacat.org>

September 07 – 10, 2003, Lausanne, Switzerland

iMRET 7

7th International Conference on Microreaction Technology

Additional information: <http://www.dechema.de/veranstaltung/imret7/englisch/index.htm>

September 9 – 11, 2003, York, UK

Dalton Discussion 6

Organometallic Chemistry and Catalysis

Additional information: <http://www.rsc.org/lap/confs/dd6.htm>

September 15 – 19, 2003, Rafain Palace Hotel, Parana, Brazil

11th International Colloid and Surface Conference

Additional information: <http://www.collsurfconference.com.br>

September 21 – 26, 2003, Convitto della Calza, Florence, Italy

ECIS2003

European Colloid and Interface Society Meeting

Additional information: <http://www.csgi.unifi.it/ecis.html>

September 29 – October 1, 2003, Marriott Long Wharf, Boston, USA

Industrial Applications of Biocatalysis

Additional information: <http://www.scientificupdate.co.uk>

September 29 – October 3, 2003, Manama, Bahrain

PETROTECH 2003

Additional information: www.petrotech.com.bh/

September 21 – 25, 2003, Granada, Spain

ECCE 4

4th European Congress in Chemical Engineering

Additional information: <http://www.anque.esecce4/>

7) Useful links

7.1) National networks

- Denmark: Interdisciplinary Research Center For Catalysis, ICAT: <http://www.icat.dtu.dk>,
- France: A directory of French laboratories involved in Catalysis is available at the French Chemical Society web site: <http://www.sfc.fr:8000/DivCata/Divcata.htm>,
- Germany: Competence Network in Catalysis (Kompetenznetzwerk Katalyse), ConNeCat : <http://www.conneecat.de>,
- Sweden: Competence Center for Catalysis, KCK: <http://www.kck.chalmers.se>,
- The Netherlands: Dutch Institute for Catalysis Research, NIOK: <http://www.niok.nl>,
- United Kingdom: Institute of Applied Catalysis, IAC: <http://www.iac.org>, and its Introduction to Catalysis for students: http://www.uysseg.org/catalysis/pages/cat_frames.htm.

7.2) European Networks

- A Network for Applied Catalysis in Europe, ACENET: <http://www.acenet.net/>,
- A Network for Industrial Catalysis in Europe, NICE: http://www.dechema.de/f-und-i/europa/englisch/nice/f_nice.htm.

7.3) International associations

- American Institute of Chemical Engineers, AIChE: <http://www.aiche.org/>,
- European Federation of Catalysis Societies, EFCATS: <http://www.efcats.org>,
- European Federation of Chemical Engineering, EFCE: <http://www.efce.info/>,
- International Association of Catalysis Societies: <http://www.iacs-icc.org>, *under construction*,
- North American Catalysis Societies: <http://www.nacatsoc.org/>.

ANNEX: 13th ICC, further information

CONFERENCE VENUE

The 13th ICC will be held at “Le Palais des Congrès”, Paris main Conference Center. It is conveniently located at “Porte Maillot”, only minutes from the “Arc de Triomphe” and the “Champs Elysées”. It can be easily reached by metro, Parisian buses and taxis. Direct shuttle buses link the “Palais des Congrès” to Charles de Gaulle International airport.

The Organizing Committee has reserved 3 amphitheatres which can seat up to 1.800 participants, as well as, on the same floor, a large exhibition hall to accommodate the scientific poster sessions and the material exhibition.

More information on “Le Palais des Congrès de Paris” can be found at <http://www.palais-congres-paris.fr>.

SOCIAL EVENTS AND ACCOMPANYING GUEST PROGRAMME

All registered participants and accompanying guests are invited to join the welcome reception on Sunday evening.

The Organizing Committee is planning to offer delegates and partners various exciting social events.

The “Bastille Day” will be an additional advantage to stay in Paris at that time of year.

Detailed information on social events and accompanying guest programme will be available on the Congress website at the time of registration.

REGISTRATION AND ACCOMMODATION

Registration will be open on the web site from 1st November 2003.

At that time a large choice of selected hotels of various standards will be offered, at special congress rates.

Information on cheap accommodation, student and youth hostels will also be given.

LETTERS OF INVITATION

The Organizing Committee will be pleased to send a letter of invitation to any scientist upon request. It should be understood that such a letter is only intended to help participants to obtain a visa or to raise travel funds and is not a commitment on part of the organizers to provide any financial support. Such a letter should be requested to the Organizing and Executive Committee Secretariat.

EXHIBITION

The 13th International Congress on Catalysis will organize, as an integral part of the Congress, an exhibition of equipment and scientific materials. It will be located in the “Palais des Congrès” on the same level as the conference rooms, poster displays and coffee breaks.

All companies interested in making arrangements for rental of exhibition space should contact the Administrative Secretariat.

AD-HOC MEETINGS

Any request regarding conditions of room rentals should be addressed in writing to the Administrative Secretariat.

PRE- AND POST-CONGRESS SYMPOSIA

Several Pre-Congress Symposia and a Post Congress Summer School will be organized. To participate in any of these events, please contact the corresponding organizer.

3rd International Symposium on “Calorimetry and Thermal Effects in Catalysis”, CTEC LYON 2004

Place: LYON (France)

Date: 6th to 9th July 2004

Chair: Aline Auroux

Information and registration: ctec@catalyse.cnrs.fr

Isotopes in Catalysis Studies ISOTOPCAT POITIERS 2004

Place: POITIERS (France)

Date: 7th to 9th July 2004

Chair: Daniel Duprez

Information and registration: isotopcat@univ-poitiers.fr

The IFP/IRC visit as prelude to the 13th ICC Congress

Place: LYON (France)

Date: 9th July 2004

Information: benedicte.reverdy@ifp.fr

Registration: diab@catalyse.cnrs.fr

In situ and Operando Spectroscopy for Catalysis, Post Conference Summer School

Place: CAEN (France)

Date: 18th to 21st July

Chair: Christian Fernandez

Information and registration: <http://www-lcs.ismra.fr>