

The 6WCOC is organised jointly by:

### UNITÉ DE CATALYSE ET DE CHIMIE DU SOLIDE

Laboratory of Catalysis and Solid State Chemistry

Villeneuve d'Ascq - France

affiliated to



and

### UNITÉ DE CATALYSE ET DE CHIMIE DES MATÉRIAUX DIVISÉS

Laboratory of Catalysis and Divided Materials Chemistry

Louvain-la-Neuve - Belgium

affiliated to



in partnership with the  
Faculty of Medicine « Henri Warembourg »  
and the support of



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[www.6wcoc.org](http://www.6wcoc.org)

If you wish to sponsor the 6WCOC,  
please contact the congress secretary

### Abstracts submission

Authors are invited to submit 2-page abstracts prepared according to the instructions that will soon be available online on the congress web site.

Expert Panels will examine all abstracts and recommend for keynote, oral, poster or rejection. Final programme and sessions will be decided by the Scientific Committee on the basis of the Expert Panel's suggestions.

The deadline for abstract submission is **December 1<sup>st</sup> 2008**.

### Conference proceedings

A book of accepted abstracts will be distributed during the congress.

Selected contributions will be published after standard peer-reviewing process in a catalysis journal after the meeting.

### Registration & accommodation

Registration information will be available on the congress web site. Online registration will be open from **January 1<sup>st</sup> 2009**. Deadline for early bird registration is **June 1<sup>st</sup> 2009**. Accommodation arrangements have been taken with several hotels in Lille town centre, including student rooms.

For registration and accommodation contact:



PERSPECTIVES & ORGANISATION

**Mrs Sophie LEFEBVRE**

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### Social programme

Several social events will take place during the congress allowing the participants to discover the region of Lille. In particular an excursion is planned in addition to the traditional welcome reception and congress banquet. More information will be available on the congress web site.

A special programme will be available for accompanying persons.

#### Key dates

<b>Dec. 1<sup>st</sup> 2008</b>	Deadline for 2-page abstracts submission
<b>March 1<sup>st</sup> 2009</b>	Notification of acceptance
<b>June 1<sup>st</sup> 2009</b>	Deadline for early bird registration
<b>July 5-10 2009</b>	6 <sup>th</sup> WCOC

### About Lille

Lille is the capital of the Nord - Pas de Calais region (Northern France). Around 220.000 inhabitants live in the town center while the «Lille Metropolis» counts ca. 1 million inhabitants, 140.000 of them being university level students.

Indeed, the metropolis hosts not less than 4 Universities and several Institutes in hard sciences, economics, journalism, management, etc.

The 6WCOC will take place during the closing week of the Lille3000 festival ([www.lille3000.com](http://www.lille3000.com)).



The weather in July should be fair with temperatures in the range 18-25°C, although occasional showers may occur.

Lille is easily reached by plane (directly to Lille or via Paris or Brussels) and by high speed train from Paris (1h), London (1h20) and Brussels (38 min). Direct train connections will soon be available from the Netherlands and Germany.



The 6WCOC will take place at the "Pôle Formation" of the Faculty of Medicine (University of Lille 2). This is a modern facility including lecture halls and plenty of space for poster sessions and exhibition.

It is located just outside of Lille, within walking distance of a metro station which is only 5 steps from the center of Lille.



You will find more practical information on Lille and the venue on the congress web site:

[www.6wcoc.org](http://www.6wcoc.org)



## 6<sup>th</sup> World Congress on Oxidation Catalysis

*Towards an integrated  
approach in innovation and  
development*

**SECOND CIRCULAR  
CALL FOR ABSTRACTS**

**Lille – France  
July 5-10, 2009**

[www.6wcoc.org](http://www.6wcoc.org)

## Invitation

We are pleased to announce that the **Sixth edition of the World Congress on Oxidation Catalysis** will take place at **Lille (France)** from **July 5 to 10, 2009**.

The Congress is intended to offer an update of recent innovation in both fundamental and applied aspects and it is focused on highlighting progress, new developments and new directions in catalytic oxidation.

Importance will be given to **heterogeneous, homogeneous, bio-** and **enzymatic** catalysis. Our goal is to give the opportunity to researchers from different fields of oxidation catalysis to exchange points of view, to find convergence through their respective research domains and to take advantage of the progress, in order to create a synergy of knowledge.

We intend to promote an **integrated approach** of the aforementioned areas by considering their level of maturity and thus of readiness for implementation in real processes. Therefore, the sessions will be organized in a somewhat different way than usual. Contributions will be asked on the following three bases:

- **Fundamentals and analysis**
- **Towards transferability: from fundamentals to applications**
- **Transferred technologies & industrial processes**

Within these three categories, the contributions will be distributed as a function of their domain or research strategy among **nine sub-topics**. All fields and applications of oxidation catalysis will be addressed in each sub-topic in order to foster cross-fertilisation.

You are kindly invited to attend the meeting in Lille and, in the meantime, to book the important dates in your calendar.

**Prof. Elisabeth BORDES-RICHARD** and  
**Prof. Patricio RUIZ**

Chairs of 6WCOG

## Organizing Committees

### Local Organizing Committee

**Chairs:** Prof. Elisabeth Bordes-Richard

and Prof. Patricio Ruiz

**Vice-Chairs:** Prof. Eric Gaigneaux

and Prof. Edmond Payen

**Secretary:** Dr Axel Löfberg

**Honorary Chairs:**

**Prof. Bernard Delmon, Dr Gérard Hecquet, Prof. Pierre Jacobs, Prof. Jacques Védrine**

**Invited members:**

**Prof. Philippe Rollet (President of UST Lille)**

**Prof. Jean Grimblot (Director of ENSCL)**

**Prof. Etienne Craye (Director of ECL)**

**Local members:**

**Dr Francine Agbossou, Prof. Jean-Marie Aubry, Dr Elise Berrier, Dr Mickaël Capron, Dr Sylvain Cristol, Dr Louise Duhamel-Jalowiecki, Prof. Franck Dumeignil, Dr Pascal Fongarland, Prof. Michel Fournier, Dr Jean-Sébastien Girardon, Dr Jean-Marc Giraudon, Prof. Pascal Granger, Dr Andreï Khodakov, Prof. Carole Lamonier, Prof. Jean-François Lamonier, Dr Anne-Sophie Mamede, Prof. Eric Monflier, Prof. Lionel Montagne, Prof. André Mortreux, Prof. Jean-François Paul, Dr Sébastien Paul, Dr Caroline Pirovano, Prof. Rose-Noelle Vannier**

### Scientific Committee

**Prof. E. Bordes-Richard, Prof. P. Ruiz, Prof. E. Gaigneaux, Prof. E. Payen, Prof. D. Duprez, Prof. N. Kruse, Prof. B.-L. Su, Dr C. Louis, Dr M. Daturi, Prof. S. Hoste, Dr C. Mirodatos, Prof. B. Sels, Dr J.-M. Millet, Prof. M. Devillers, Prof. D. Schweich, Prof. G. Marin, Dr J.-L. Dubois, Dr V. Nsunda, Prof. D. De Vos, Dr M. Besson, Dr J. Barrault, Prof. B. Heinrichs, Dr A. Löfberg (Secretary)**

### WCOG International Board

**President:** Prof. Makoto Misono (Japan)

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**Prof. Robert Schlögl** (Germany)

**Prof. Roger Sheldon** (Netherlands)

**Prof. Ferruccio Trifirò** (Italy)

## Congress Topics & Expert Panels

### 1—Fundamentals and analysis:

**1A—Fundamentals (surface science, mechanisms, modelling, etc.)**

**Prof. Daniel Duprez (F), Prof. Norbert Kruse (B)**

**Expert Panel members:** Prof. Gabriele Centi (I), Prof. José Luis Garcia Fierro (E), Prof. H.-J. Freund (D), Prof. Vadim V. Guliants (USA), Prof. Leon Lefferts (NL), Prof. Daniel Mansuy (F), Prof. István E. Markó (B), Dr Cesar Mateo (E), Prof. Matthew Neurock (USA), Prof. Marie-Françoise Reyniers (B), Prof. Joachim Sauer (D), Prof. Malgorzata Witko (PL)

**1B—Catalysts preparation. Novel catalysts. New advanced methods. Nanosized and nanostructured catalysts**

**Dr Catherine Louis (F), Prof. Bao-Lian Su (B)**

**Expert Panel members:** Prof. Jean-Marie Basset (F), Dr Magali Boutonnet (S), Dr Vicente Cortés-Corberan (E), Dr Sophie Hermans (B), Dr Gerhard Mestl (D), Prof. Eduardo Miro (Arg), Dr Georgiy B. Shul'pin (RU), Prof. Wataru Ueda (J)

**1C—Characterization and in situ/operando analyses of catalysts**

**Dr Marco Daturi (F), Prof. Serge Hoste (B)**

**Expert Panel members:** Dr Miguel Bañares (E), Dr Simon Bare (USA), Prof. Angelika Brückner (D), Prof. Valerii Bukhtiyarov (RUS), Prof. Jean-François Lambert (F), Prof. Can Li (CN), Prof. Gopinathatn Sankar (UK), Dr Jeroen A. van Bokhoven (CH), Prof. Israel E. Wachs (USA), Prof. Bert Weckhuysen (NL)

**1D—Catalyst screening, including combinatorial**

**Dr Claude Mirodatos (F), Prof. Bert Sels (B)**

**Expert Panel members:** Prof. Avelino Corma (E), Dr Jochen Lauterbach (USA), Prof. Johannes Lercher (D), Dr Jan Lerou (USA), Prof. Wilhelm F. Maier (D), Prof. József L. Margitfalvi (H), Dr Johan Paul (B)

Each Expert Panel is managed by **two coordinators**.

The updated composition of the Expert Panels can be found on the congress web site:

[www.6wco.org](http://www.6wco.org)

**2—Towards transferability: from fundamental to application**

**2A—New developments and new processes**

**Prof. Michel Devillers (B), Dr Jean-Marc Millet (F)**

**Expert Panel members:** Prof. Michele Aresta (I), Dr José A.S. Cavaleiro (P), Dr Peter Guengerich (USA), Prof. Kieran Hodnett (IRL), Pr Wolfgang F. Hölderich (D), Dr Oxana A. Kholdeeva (Ru), Prof. Wolfgang Kroutil (A), Prof. Andreas Martin (D), Prof. Miguel Menendez (E), Prof. José M. Lopez Nieto (E), Prof. Umit Ozkan (USA), Dr Carlo Perego (I), Dr Franck Rosowski (D), Prof. Andreas Schmid (CH), Dr. Stuart Taylor (UK), Prof. Angelo Vaccari (I)

**2B—Reactors and processing**

**Prof. Guy Marin (B), Prof. Daniel Schweich (F)**

**Expert Panel members:** Dr Luca Basini (I), Prof. Gerhard Emig (D), Dr Marvin Estenfelder (I), Dr Gianpiero Groppi (I), Prof. Freek Kapteijn (NL), Dr Liubov Kiwi-Minsker (CH), Dr Udo Kragl (D), Prof. Angeliki Lemonidou (GR), Prof. Tapio Salmi (FIN), Prof. Jesús Santamaría (E), Prof. Götz Vesper (USA)

**3—Transferred technologies & industrial processes:**

**3A—Petrochemical: raws and intermediates**

**Dr Jean-Luc Dubois (F), Dr Veron Nsunda (B)**

**Expert Panel members:** Dr Stephan Altwasser (D), Dr M. Ayala (MX), Prof. Douglas Buttrey (USA), Prof. Fabrizio Cavani (I), Dr John Couves (UK), Dr Josef J. Dannacher (CH), Dr Jean-Pierre Dath (B), Dr Uwe Dingerdissen (D), Dr Wladimir Ferraz de Sousa (BR), Dr Anne Gaffney (USA), Dr Anders Holmen (N), Dr Jesús Lázaro Muñoz (E), Dr Philippe Marion (F), Prof. Sang-Eon Park (KR), Dr Gregory S. Patience (CAN), Prof. Javier Pérez-Ramírez (E), Dr Takashi Ushikubo (Japan)

**3B—Fine chemicals and pharmaceuticals**

**Dr Michèle Besson (F), Prof. Dirk De Vos (B)**

**Expert Panel members:** Dr Paul L. Alsters (NL), Prof. Isabel Arends (NL), Dr Anne Galarneau (F), Dr Yasutaka Ishii (J), Dr Eric Lacroix (F), Dr Tamas Mallat (CH), Prof. Vasile I. Parvulescu (RUM), Prof. Giorgio Strukul (I)

**3C—Sustainable catalytic processes for environment and energy**

**Dr Joël Barrault (F), Prof. Benoît Heinrichs (B)**

**Expert Panel members:** Dr Pilar de Frutos Escrig (E), Dr Koichi Eguchi (J), Prof. Pio Forzatti (I), Prof. Marco W. Fraaije (NL), Prof. Raymond J. Gorte (USA), Prof. Jean-Marie Herrmann (F), Prof. Sven G. Järås (S), Dr Jean-Pierre Joulin (F), Prof. Janez Levec (SLO), Prof. Eduardo Lombardo (ARG), Prof. Mario Montes (E), Prof. James J. Spivey (USA), Prof. Xenophon.E. Verykios (GR)

Updated on 29/09/2008