CALL FOR PAPERS

All those intending to participate in the 4th International IUPAC Conference on Green-Sustainable Chemistry are invited to present their scientific ideas and results to the given topics.

Submission is possible only online at: www.congresscentral.com.br/sbq/ufscar/icgc4/abstracts.php#abstract-submission

Please compose your abstract following the instructions given on the internet and the template abstract carefully, as there will be no revision or corrections made by the editorial team. The technically proper receipt of your abstract will be notified within days by e-mail. The Organizing Committee and the International Advisory Board reserve the right to accept or reject contributions, to decide on oral or poster presentation, and to re-assign them to different topics.

DEADLINE FOR ORAL AND/OR POSTER PRESENTATIONS ➔ 15.05.2012

REGISTRATION FEES (ALL FEES IN BRAZILIAN REALS - R$)

<table>
<thead>
<tr>
<th>Registration Type</th>
<th>Early Registration by May 15, 2012</th>
<th>Registration as of May 15, 2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Registration</td>
<td>R$ 675.00</td>
<td>R$ 787.50</td>
</tr>
<tr>
<td>IUPAC Member</td>
<td>R$ 607.50</td>
<td>R$ 712.50</td>
</tr>
<tr>
<td>Post-doc</td>
<td>R$ 375.00</td>
<td>R$ 450.00</td>
</tr>
<tr>
<td>Student</td>
<td>R$ 300.00</td>
<td>R$ 375.00</td>
</tr>
<tr>
<td>Banquet Dinner Ticket</td>
<td>R$ 80.00</td>
<td>R$ 80.00</td>
</tr>
</tbody>
</table>

All Registrations include: Program Book, Opening Reception, Coffee breaks, and Lunches (August 26, 28 and 29, 2012).
The IUPAC and SBQ are going to organize the 4th International IUPAC Conference on Green-Sustainable Chemistry – IUPAC 4th ICGC to be held in Foz do Iguaçu, Brazil, from August 25 to 29, 2012.

This meeting is the forth one of the IUPAC Series Conference dedicated to Green Chemistry. It deals with all aspects of environmentally benign and sustainable chemistry filling the gap between research and technology in this field and thereby stimulating closer linkage between academia and industry. Abstracts will be reviewed by the Scientific Committee and some of them will be selected for further publication as full paper in qualified journals or books. The conference will take place under the auspice of IUPAC and the Brazilian Chemical Society (SBQ).

CONFERENCE VENUE

The 4th ICGC will be held at the Mabu Thermas & Resort, a fine hotel very near the Iguaçu National Park, in the way of all the wonderful natural attractions, eco-tours and adventure, shows and the wonders of the Iguaçu Falls. The large Centre for Congresses and Exhibitions greatest differential is the Mabu Thermas & Resort itself, which offers to event-focused guests all of its leisure facilities: restaurant, piano bar, brasseries, café, bar, as well as the thermal water fountains and a large area for sports and leisure, together with a specialized entertainment team. We invite you cordially to participate in the 4th ICGC.

INVITED LECTURES

Each parallel session will have an invited lecture (30 min. including Q&A) and 4 short presentations (15 min. including Q&A) selected by the scientific committee and chairs of the parallel sessions from the abstracts submitted by registration in the 4th ICGC.

NANOMATERIALS

CHAIR  Edson Roberto Leite, UFSCar, Brazil
INVITED Nicholas Kotov, University of Michigan, USA

CONVERSION OF BIOMASS IN FEEDSTOCK

CHAIR  Claudio A. Mota, UFRJ, Brazil
INVITED  Harry Bitter, University of Utrecht, Netherlands

TOPICS

BENIGN SYNTHESIS/PROCESS
Catalysis
Solvents
Reagents
Analytical methods
Synthetic Strategies

GREEN CHEMISTRY FOR ENERGY PRODUCTION
fuels from Biomass
Hydrogen, fuel cells

CHEMICALS FROM RENEWABLES
Biomass
Waste materials
CO2: recycling
Responsible use of biodiversity

GREEN ENGINEERING
Process intensification
Energy Savings
Separations and Unit Operations
Reducing water usage

EDUCATION IN GREEN CHEMISTRY AND ENGINEERING
Formal and informal education
Outreach

POLICY
Corporate Policy
Governmental Policy
NGO’s

PLENARY LECTURES

PAUL ANASTAS
Assistant Administrator ORD/Science Advisor, US EPA, USA

JAMES CLARK
University of York, UK

JAIROT DUPONT
University of Rio Grande do Sul, Brazil

BUKING HAN
Chinese Academy of Sciences, China

ADELIO MACHADO
Porto University, Portugal

ANITA MARSIAILOI
University of Campinas, Brazil

ROBIN ROGERS
University of Alabama, USA

KARL BARRY SHARPLESS
(The Nobel Prize in Chemistry 2001) Scripps Research Institute, USA

ROGER SHELDON
Deft University, the Netherlands

RAJENDER S. VARMA
EPA, USA

HOMOGENEOUS CATALYSIS

CHAIR  Francisco A. Marques, UFPR, Brazil
INVITED  José Cavaleiro, Aveiro University, Portugal

HETEROGENEOUS CATALYSIS

CHAIR  Dilson Cardoso, DEQ-UFSCar, Brazil
INVITED  Jiri Cejka, J. Heyrovsky, Academy of Sciences of the Czech Republic

BIOCATALYSIS AND BIOTRANSFORMATION

CHAIR  David Gonzales, Udelar, Uruguay
INVITED  Sonia Rodríguez, University of the Republic, Uruguay

ORGANOCATALYSIS

CHAIR  Marcio Paixão, UFSCar, Brazil
INVITED  Paolo Melchiorre, Institute of Chemical Research of Catalonial, Spain

MICROWAVE, ULTRASOUND AND FLOW CHEMISTRY TECHNOLOGY

CHAIR  Rodrigo Souza, UFRJ, Brazil
INVITED  Oliver Kappe, University of Graz, Austria

GREEN CHEMISTRY EDUCATION I

CHAIR  Vânia Zuin, UFSCar, Brazil
INVITED  Mary Kirchhoff, Director, Education Division American Chemical Society, USA

GREEN CHEMISTRY EDUCATION II

CHAIR  Liliana Mammino, University of Venda, South Africa and Paola Corio, USP, Brazil
INVITED  Franz Rauch, Alpen-Adria University, Austria

GREEN SOLVENTS

CHAIR  Carlos Andrade, UNB, Brazil
INVITED  Phillip Jessop, Queen’s University, Canada

GREEN INDUSTRIAL PROCESSES I

CHAIR  Mariana Rubim Accioli Doria, Magnus, Brazil and Takashi Ushikubo, JACI, Japan
INVITED  Takashi Ushikubo, Japan Association for Chemical Innovation, Japan

GREEN INDUSTRIAL PROCESSES II

CHAIR  Donato Aranda, UFRJ, Brazil
INVITED  Henrique Eisi Toma, University of São Paulo, Brazil

SEPARATIONS AND ANALYSIS

CHAIR  Jaiolson Andrade, UFBa, Brazil
INVITED  Pedro Afonso P. Pereira, Federal University of Bahia, Brazil

BIOFUELS

CHAIR  Fabio Ribeiro, Purdue University, USA

POLICY (WASTE, ENVIRONMENT AND ECONOMY)

CHAIR  Clayton Campanhola, The Brazilian Agency for Industrial Development, the Ministry of Development, Industry and Foreign Trade