



# XX International Conference on Chemical Reactors CHEMREACTOR-20

December 3–7, 2012

Luxemburg

<http://conf.nsc.ru/CR-20-2012>

EFCE conference

With the support of the Ministry of Education and Science of the Russian Federation

We are pleased to announce  
**XX International Conference on  
Chemical Reactors  
"CHEMREACTOR-20" to be held  
in December 3-7, 2012  
in Luxemburg**



## INTERNATIONAL SCIENTIFIC COMMITTEE

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<b>Andrey Zagoruiko</b>	Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia

## LOCAL SCIENTIFIC COMMITTEE

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<b>Vadim A. Yakovlev</b>	Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia

## Chairman of the Organizing Committee

**Professor Alexander S. Noskov**, Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia

## Secretariat

**Tatiana V. Zamulina**, Boreskov Institute of Catalysis SB RAS, Novosibirsk, Russia

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## SCIENTIFIC PROGRAM

The conference program will consist of invited lectures by leading specialists in the field of Chemical Engineering (1 hour), key-note presentations, (30 minutes, to be selected from the abstracts submitted), oral presentations (20 minutes) and posters focusing on the following topics:

- ♦ **Advances in Chemical Reactors Fundamentals:**
  - Chemical Reactions Kinetics
  - Fundamentals of Chemical Reactors Simulation
  - Heat & Mass Transfer in Chemical Reactors
  - Hydrodynamics and CFD Studies in Chemical Reactors
- ♦ **Chemical Reaction Engineering and Reactors Design – Novel Approaches, Modeling, Scale-Up, Optimization:**
  - New Designs of Chemical Reactors (Membrane Reactors, Microreactors, Structured Reactors etc)
  - Novel Approaches in Chemical Reaction Processes Engineering (Unsteady-state and Transient Processes, Reverse-flow Operation, Sorption-Enhanced Reaction Processes, Multifunctional Reactors, Reaction-Separation Processes etc)
- ♦ **Chemical Reactors and Technologies for Emerging Applications:**
  - Processing of Biomass and Renewable Feedstocks
  - Environmental Protection and Utilization of Wastes
  - Production of Hydrogen and Green Fuels
  - Advanced Processing of Natural Gas and Oil

## LANGUAGE

The official language of the conference is English.

## ABSTRACTS SUBMISSION

To be considered for oral or poster contribution, potential presenters are requested to submit a **two - page abstract** in electronic form to the address [zam@catalysis.ru](mailto:zam@catalysis.ru) or via conference Web site <http://conf.nsc.ru/CR-20-2012> by **April 5, 2012**. Please register on line indicating the title of the presentation and preferred status (oral or poster).

To provide a uniform appearance, we would appreciate your cooperation in following the next rules (template is available at the conference site):

**Title:** Arial, 14 pt, capital, bold, centered

**Authors** (please underline the presenting author): Arial, 12 pt, bold, centered

**Affiliation** (including E-mail of the presenting author): Arial, 12 pt, italic, centered

**Text:** Arial, 12 pt, 1.5 line space, justified, 2.5 cm margins A4 paper

**Headings:** Arial, 12 pt, bold

**References:** Arial, 10 pt

- **Deadline for the abstracts submission – April 5, 2012**
- **Acceptance notification – June 30, 2012**

## PUBLICATION OPPORTUNITIES

Traditionally, all accepted abstracts will be published in the CD-Book of the abstracts distributed to all the participants at the registration. A Special Issue of the **Chemical Engineering Journal** (Elsevier) with double-refereed selected conference proceedings will be published after the event. Only papers presented at the conference will be considered for publication.

## EXHIBITION & SPONSORSHIP

We invite the companies to sponsor the event or take part in the exhibition. If you are interested in such opportunity, please contact the Organizing Committee.

## REGISTRATION

To register for the conference, please, fill in the Application form on Web site <http://conf.nsc.ru/CR-20-2012>, give the title of the presentation and send the abstract. Please indicate the preferred topic and the preferred status of presentation (oral, poster).

## LOCATION

This time we invite you to Luxembourg – a small and pretty country. Luxembourg is a highly developed, stable constitutional monarchy and parliamentary democracy. There are many interesting facilities in Luxembourg. After 400 years of domination by various European nations, Luxembourg was granted the status of Grand Duchy by the Congress of Vienna on June 9, 1815. Although Luxembourg considers 1835 (Treaty of London) to be its year of independence, it was not granted political autonomy until 1839 under King William I of the Netherlands, who also was the Grand Duke of Luxembourg. In 1867, Luxembourg was recognized as independent and guaranteed perpetual neutrality.



The national language of Luxembourg is Luxembourgish, a blend of Dutch, old German, and Frankish elements. The official language of the civil service, law, and parliament is French, although parliamentary debate and court cases are conducted mainly in Luxembourgish and police case files are recorded in German. German is the primary language of the press. In addition, English is taught in high schools. Most Luxembourgers, as a result, speak English.

## CONFERENCE VENUE



The conference will be held in the **Mondorf Parc Hotel\*\*\*\*** which is situated in Mondorf-les-Bains. Located in Mondorf-les-Bains (**18 km from Luxembourg City Centre**), this property is situated in the historical district and surrounded by a 40 acres parkland. The park of the Domaine Thermal of Mondorf-les-Bains is a delight for nature lovers. Its magnificent flowerbeds, secular trees and recreation spaces make it a pleasant place for relaxation. Casemates du Bock, Notre-Dame Cathedral and Grand Ducal Palace are just a few of the attractions to be found in the region. Mondorf is very closely to the boundaries with France, Germany, Belgium, The Netherlands. Many of the places of these countries are very nice and available for visiting.

**How to get to the Venue:** if you live not far from Luxemburg (in Western Europe), you may use the train transportation or the car.

If you live far enough away from Luxemburg and plan the air traffic, please, take into account, that there are direct air lines flights with 16 cities from 10 countries of Western Europe: Germany, Spain, Holland, Italy, Great Britain, Austria, Portugal, Switzerland, France, Denmark.

If it is not convenient for you to use the direct lines to Luxemburg, you may reach such cities as Frankfurt, Düsseldorf, Cologne (Germany), Brussels (Belgium), Paris (France). These cities are located in 200-300 km from Luxemburg. Then you can take a bus or train to reach the conference venue. It will take approximately two - maximum four hours to reach Mondorf-les-Bains. We will give the detail information about buses and trains schedule in the Second Announcement.



## ACCOMMODATION

The participants will be accommodated in the rooms of the Mondorf Parc Hotel, in two its buildings – **Mondorf 4\*** and **Mondorf 3\***. Under the registration at the conference site you may mark that you wish the hotel of another cost category, situated closed to **Mondorf**. We will satisfy your decision and give the list of the hotels for your choice.

Hotel*	Price per night, Euro (including breakfast and VAT)	
	single	double (per two persons)
<b>Mondorf 4*</b>	129	156
<b>Mondorf 4*</b>	134	166
<b>Mondorf 3*</b>	112	140
<b>Mondorf 3</b>	122	160



## REGISTRATION FEE

The registration fee is expected to be **650 Euro** for each registered participant of the Conference with reduced (**380 Euro**) rate for students. Registration fee includes all conference documentation and materials, Welcome reception, lunches, refreshments, excursion. The details of the payment will be given in the Second Announcement.

## IMPORTANT CONFERENCE DEADLINES

<b>April 5, 2012</b>	Submission of abstracts and application forms
<b>June 30, 2012</b>	Acceptance of notification, distribution of the Second Announcement
<b>July 20, 2012</b>	Distribution of the preliminary program
<b>August 1, 2012</b>	Fee payment
<b>October 15, 2012</b>	Confirmation of participation
<b>October 30, 2012</b>	Distribution of the final program
<b>December 2, 2012</b>	On site Registration
<b>December 3, 2012</b>	Conference opening

For details, please, contact:

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