

# 17<sup>TH</sup> INTERNATIONAL ZEOLITE CONFERENCE

7 - 12 JULY 2013

MOSCOW, RUSSIA



## Invitation

The International Zeolite Association together with the Russian National Zeolite Association extend a cordial invitation to all colleagues in the field of zeolites and ordered porous materials to participate in the 17<sup>th</sup> International Zeolite Conference (17<sup>th</sup> IZC), which will be held from July 7 to July 12 2013 in Moscow, Russia.

The Conference will cover all aspects of the science and technology associated with ordered porous materials - zeolites, zeotypes, mesostructured materials and porous hybrid solids (MOFs). The extremely high rate of the discovery of novel ordered porous nanomaterials, on the one hand, and the increasing demand in catalysts, adsorbents, membranes, sensors, etc. for new sustainable technologies, on the other hand, will set the main concept of the conference:

***"Zeolites and ordered porous materials: bridging the gap between nanoscience and technology"***

The Conference will be preceded by an Intensive Summer School (July 5-6, 2013), which will be organized at the *Educational Center of Moscow State University*.

A Post-Conference Field Trip is scheduled for July 13-15, 2013 in the beautiful area of Karelia very rich in minerals.

## Important dates

Deadline for abstracts submission	1st Dec. 2012
Notification of acceptance	15 <sup>th</sup> Feb. 2013
Deadline for early registration / Hotels	15 <sup>th</sup> April 2013
Deadline for Recent Research Reports	15 <sup>th</sup> May 2013

## Confirmed Plenary Speakers

**Avelino Corma**, Institute of Chemical Technology, Valencia, Spain.  
**Susumu Kitagawa**, Kyoto University, Yoshida, Kyoto, Japan.  
**Zhongmin Liu**, Dalian Institute of Chemical Physics, Dalian China.  
**Raul Lobo**, University of Delaware, Newark, Delaware United States.  
**Svetlana Mintova**, ENSICAEN, University of Caen, Caen, France.

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## Scientific Program

The scientific program of the conference will be structured in four parallel synchronized sessions. The program will include 5 plenary lectures (1h), about 15 keynote lectures (40 min), about 175 orals (20 min) and 3 poster sessions.

## Publications

The submitted contributions will be peer-reviewed by a panel of experts on the basis of two-page extended abstracts. Short (half-page length) abstracts of accepted communications will be published in the Conference Proceedings and distributed at the Conference. The extended abstracts will be available on a CD-ROM.  
 The authors of plenary and keynote lectures and some selected communications will be invited to contribute a full manuscript to be published in a special issue of a journal.

## Topics and Topical Chairs

### 1. Ordered porous materials: synthesis and modification

1.1	Zeolites and zeotypes	J. Yu , G. Echevsky
1.2	Natural zeolites	C. Colella , V. Il'in
1.3	Mesoporous materials and hierarchical porous structures	T. Bein, E. Knyazeva
1.4	Hybrid and composite materials (MOF, PMO, ZIR, Porous carbons, etc)	C. Serre , L. Kustov
1.5	Zeolite and MOF membranes and films	J. Caro, D. Fedosov

### 2. Advances in fundamental understanding of structure and properties

2.1	Theory and modeling	E. Pidko, G. Zhidomirov
2.2	Advanced characterization techniques	F. Taulelle, V. Bukhtiyarov
2.3	Mechanistic studies; impact of <i>in-situ</i> and <i>operando</i> techniques	B. Weckhuysen, A. Stepanov

### 3. Industrial and emerging applications

3.1	Oil refinery and petrochemistry	J. Santiesteban, M. Levinbuk
3.2	Non-oil feedstocks into end products	N. Nesterenko, N. Kolesnichenko
3.3	Environmental catalysis and conversion of biomass	D. Murzin, A. Stakheev
3.4	Chemicals and fine chemicals	B. Sels, A. Maksimov
3.5	Adsorption and separation	M. Thommes, A. Toktarev
3.6	Novel applications (health, electronics, sensors)	K. B. Yoon, A. Smirnov

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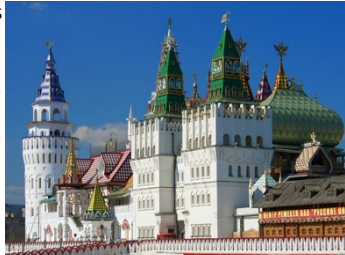
## Venue

The 17th IZC will be held in the Congress Center of the **Izmailovo complex** which is located near the beautiful Izmailovo Kremlin and includes, besides

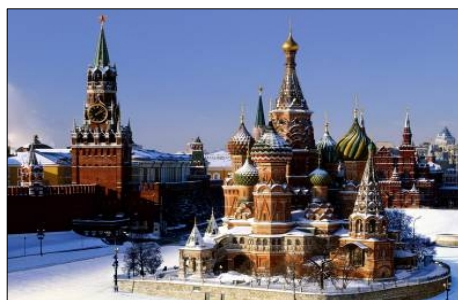


the Conference facilities, 5 large hotels, restaurants and resort activities. The Izmailovo complex has excellent links (20 min by metro) to the city centre and can be easily reached from Moscow international airports.

As the capital city of Russia, Moscow offers many historical sites, tourist attractions and cultural events, from the truly fascinating buildings of **Moscow Kremlin** and **Red Square** (among which the Mausoleum of



Lenin, the Savior Tower, the History Museum, the beautiful Church of St Basil the Blessed, the Kazansky Cathedral and etc.) to the oldest and the most renowned ballet and opera **Bolshoi Theatre**, the world famous **Tretyakov State Gallery** and **Pushkin museum**.



Besides, Moscow is rich of wonderful cultural and historical sights, which are located within a short metro ride from the city centre: Old Arbat, Novodevichy Monastery, Kolomenskoye Tsar residence; the Tsaritsyno imperial summer residence, the Kuskovo Estate and etc.



## Exhibition

An exhibition of scientific material, commercial products and equipment related to ordered porous materials characterization and testing will be organized as an integral part of the Conference. All companies interested in making arrangements for rental of exhibition space should contact Dr. Andrey V. Smirnov at

[avsmirnov@phys.chem.msu.ru](mailto:avsmirnov@phys.chem.msu.ru).

## Organizing Committee

Co-chairpersons	Salambek N. Khadzhiev, Irina I. Ivanova
Chairs of National Organizing Committee	Sergey M. Aldoshin, Michael P. Egorov, Valery V. Lunin, Valentin N. Parmon
Paper Selection Committee	Girolamo Giordano, Eduardo Falabella, Vladimir V. Kapustin, Boris V. Romanovsky
Scientific Secretary	Elena E. Knyazeva
Funds raising	Francois Fajula, Jean-Pierre Gilson, Ekaterina A. Kraeva, Sergey V. Kaluzhnyi
Treasurer	Andrey V. Smirnov
Technical Secretary	Leonid A. Logvin
Pre-Conference School	Leonid M. Kustov
Field trip	Gennady V. Echevsky, Aleksey V. Volkov
Publication	Ivan A. Kasyanov, Stanislav V. Konnov
Communcation	Liudmila I. Rodionova Maria A. Nikitina
Professional Conference Organizer	Evgenia U. Malinina (KraftInfo Ltd.)

## Correspondence

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