

the completed abstract form no later than September 10, 2016. Kindly send your abstract to the conference secretariat on raheel2@cyber.net.pk

All posters must be in English. The poster board area will be 1.2 m x 1.8 m. Try to use large letters for the titles, authors, and affiliation. Do not use smaller fonts for figures or text. Minimize text and maximize the number of figures, schemes, and structures. The figure legends are essential and should be concise. The contents must be readable from at least six feet.

## SHOPPING

The cities of Pakistan rightly boast of rich oriental bazaars as well as modern shopping plazas. Bargaining is not uncommon in the market places. Leather, woolen, cotton, brass, copper and wood works are some of the specialties. Onyx ware is in abundance. Gold and silver jewellery, intricately handcrafted, is also a major attraction. Pakistani carpets and rugs are among the best in the world.



## PAKISTAN'S BASIC FACTS

Area: 796,095 sq.km  
Population: 190 million  
Capital: Islamabad

### Provinces

Sindh  
Punjab  
Khyber Pakhtunkhwa (KPK)  
Balochistan  
Gilgit Baltistan  
Azad Jammu & Kashmir (Autonomous region)

### Capital Cities

Karachi  
Lahore  
Peshawar  
Quetta  
Gilgit  
Muzaffarabad

### Principal Cities:

Karachi, Lahore, Hyderabad, Peshawar, Sukkur, Quetta, Multan, Bahawalpur, Faisalabad, Sialkot, Gujranwala, Rawalpindi, Islamabad.

### Hill Resorts:

Murree, Nathiagali, Abbottabad, Kaghan, Ziarat.

### Languages:

Urdu is the national language. English is widely used in correspondence and communication. Punjabi, Sindhi, Pashto, Baluchi and Kashmiri are the principal regional languages.

## WEATHER

Karachi is usually sunny and pleasant in December with average day temperature of 20-25 °C and the night temperature falling to 15-20 °C. Except for a section of the coastal area, the climate in Pakistan is relatively dry.

## PAKISTANI CUISINES

Pakistani food is rich and generally meat based. All restaurants offer a range of "Kababs", barbecued chicken and grilled meat variously spiced and marinated. The most popular meat is lamb followed by chicken. Beef kababs are also popular. Flattened bread ("nan") baked in a deep gao or coal-fired or thinner floppy bread ("chapati") pit is invariably served with all meals. If you like curry, there is a whole variety available everywhere. The popular local drinks are "lassi" (yogurt beaten to a rich paste with water and sugar added) or fresh lime in water sweetened with a rich helping of sugar. The food is not expensive. However take care and avoid drinking unboiled tap water or raw vegetables.



## TOUR AND SIGHTSEEING TRIPS

Several tours and sightseeing trips have been arranged for the conference participants and accompanying persons. This program covers guided tours to Karachi City, visits to beaches outside Karachi, archeological sites, and to the ancient and new cities of Pakistan. Rakaposhi Tours (Pvt.) is the official tour operator of the conference.

Air trip to historical city of Lahore, famous for its architectural beauty & elegance, and the great Mughal heritage, includes Lahore Fort, Badshahi Mosque, Old City Bazaar and Wazir Khan Mosque, Shalimar Gardens & Tombs of Jehangir and Queen Noorjehan. A late evening flight will bring you back to Karachi where you will be transferred to your hotel.



## FOR CORRESPONDENCE

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Director, International Center for Chemical and Biological Sciences,  
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### Management

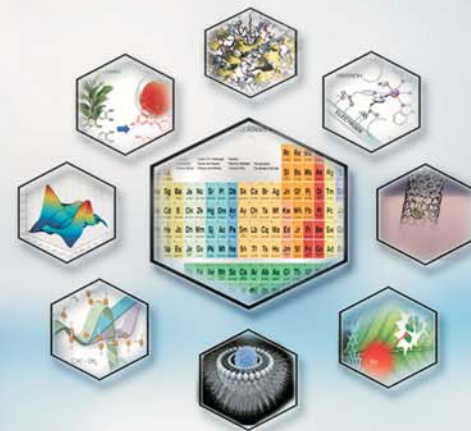
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# CHEMISTRY FOR SUSTAINABLE AND INCLUSIVE DEVELOPMENT



# 14th EURASIA CONFERENCE ON CHEMICAL SCIENCES (EuAsC<sub>2</sub>S-14)

December 15 - 18, 2016, Karachi, Pakistan



Jointly organized by:

H.E.J. RESEARCH INSTITUTE OF CHEMISTRY  
(INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES)  
UNIVERSITY OF KARACHI, KARACHI-75270, PAKISTAN  
AND  
ECONOMIC COOPERATION ORGANIZATION SCIENCE FOUNDATION (ECOSF)

www.eurasia14.org

## INVITATION



It gives us an immense pleasure to invite you to the 14th Eurasia Conference on Chemical Sciences, to be held at the H.E.J. Research Institute of Chemistry (International Center for Chemical and Biological Sciences, University of Karachi, Karachi, Pakistan), during December



15 – 18, 2016. Over 700 eminent scientists and researchers from 90 countries are expected to participate in this important international event in the field of chemical sciences. Moreover, some plenary and keynote lectures will be also be arranged through video conferencing

Pakistan is a fascinating country, full of vitality, cultural diversity, rich history, natural beauty and culinary delights. We hope the dynamic and magical spirit of Karachi city will be conducive to provide milieus, stimulating exchange of scientific knowledge between scientists in the field of chemical sciences from all over the world. It is also hoped that this meeting will foster stronger research ties between the scientists representing different regions.

On behalf of the Organizing Committee, we are looking forward to welcoming you to Karachi in December, 2016.

PROF. DR. ATTA-UR-RAHMAN, FRS  
President EuAsC<sub>2</sub>S-14  
Patron-in-Chief,  
International Center for Chemical  
and Biological Sciences (ICCBS),  
University of Karachi, Karachi-75270

PROF. DR. M. IQBAL CHOUDHARY,  
H.I., S.J., T.I.  
Chairman LOC EuAsC<sub>2</sub>S-14  
Director,  
International Center for Chemical  
and Biological Sciences  
University of Karachi, Karachi-75270

## EuAsC<sub>2</sub>S: BRIEF HISTORY

Around 1985-86, Prof. Bernd M. Rode from the University of Innsbruck, Austria, along with Prof. Hitoshi Ohtaki (an International Steering Committee Member of the International Conference on Solution Chemistry (ICSC)) proposed to organize international conferences in the field of solution chemistry in Thailand. Profs. Rode and Ohtaki invited Prof. Ivano Bertini of Florence University, Italy, to join this first committee. The three founders discussed the matter and decided to initiate an international conference called Eurasia Conference on Chemistry of Solutions (EuAsC<sub>2</sub>S) with the aim to deepen friendship among chemists in the Eurasian super-continent, and to support them with the help of chemists in other continents, such as America, Canada, and Australia. This was planned to be achieved with the organization of the international Eurasia series of conferences of world-top quality and class, mainly in developing Asian countries with the participation of a world-wide friendship network. Through this conference series, world-leading scientists are invited, with whom scientists, especially young scholars from developing countries, exchange scientific chemical

information to accelerate scientific activities in their countries. Under such a vision of the three founders, Profs. Rode, Ohtaki and Bertini, the First Eurasia Conference on Chemistry of Solutions (1st EuAsC<sub>2</sub>S) was held in Bangkok in 1988.

Eurasia Conference on Chemistry of Solutions was changed its name to Eurasia Conference of Chemistry in Seoul in 1990, and then again to Eurasia Conference on Chemical Sciences in 1992 in Guangzhou (China) due to its expansion to all areas of chemistry, now involved in the conference. Eurasia conference has been held in Karachi, Pakistan, during March 8 – 12, 2002. The most recent one was held in Greece (2012) and India (2014).

## VENUE

The conference will be held at the beautiful campus of the International Center for Chemical and Biological Sciences at the University of Karachi. The ICCBS campus is located at about 20 minutes drive from the Jinnah International Airport and about 20 -40 minutes from the large shopping area in the city. Bank, post office, stores, restaurants and travel agencies are also located within short distances of the conference venue. Evening bus shuttles will run during the symposium for the scientists staying on-campus, to take them to various shopping centers and other attractions in the city.

## SCOPE

Eurasia conferences are held on average every 2 years in one of the countries of Europe or Asia, and in a region where usually few international conferences in chemistry have been held (formerly also called "developing regions"). The aim is to bring a group of about 100-150 internationally well-known scientists - including Nobel laureates - to the region, to interact with some 500 (often junior) scientists from the region. Many of the previous Eurasia Conference was organized either in tandem, or in large overlap with a national chemistry meeting. The senior scientists are primarily invited from Europe and Asia, but in several cases also scientists from, e.g. USA or Australia have been and will be invited to attend.

The topics for the conferences are primarily determined by the local and regional interests, and typically include 6 - 8 areas, which are presented in 2 - 5 parallel sessions. Most of such people believe in the Eurasia spirit to bring top-science to regions, where often no or not enough conference is held. The Eurasia Conferences typically cover all contemporary topics of chemistry; the 14th conference in this series, likewise, will deal with a wide range of topics from chemistry of living systems to rational drug designing based on natural products, from spectroscopy to theoretical chemistry, from asymmetric synthesis to nano chemistry and from energy-related materials to biomaterials. Different tracks of EuAsC<sub>2</sub>S-14 are mentioned in the conference website.

## REGISTRATION

The registration fee includes entry to scientific lectures, poster sessions, exhibition, full set of abstracts, a copy of the conference program, daily refreshments (tea/coffee), symposium banquet, cultural/musical evening, welcome mixer and free transportation from hotels to the venue of the symposium.

Please note that accompanying persons can attend the welcome mixer, conference banquet and cultural/musical evening, but they may not attend any of the technical sessions. Desk registration is also possible but accommodation and entry to social events will not be guaranteed.

Registration Fees: (Foreign Participants)	Before Nov. 11, 2016 (U.S. \$)	After Nov. 11, 2016 (U.S. \$)
Private Organizations	300	350
Academic Faculty	200	250
Students	150	200
Accompanying Person	100	150

Registration Fees: (Pakistani Participants)	Before Nov. 11, 2016 (PKR)	After Nov. 11, 2016 (PKR)
Private Organizations	10,000	12000
Academic Faculty	5,000	6000
Students	2000	2500
Accompanying Person	2000	2500

For further details, please visit the website: [www.eurasia.org](http://www.eurasia.org)

## DEADLINES TO MEET

EuAsC <sub>2</sub> S-14	December	15-18, 2016
Advance Registration	November	10, 2016
Accommodation Request	November	10, 2016
Abstract Submission	September	10, 2016
Tour Reservation	November	25, 2016

## VISA AND TRAVEL

You are requested to apply for a visa to the nearest Pakistani Embassy or High Commission. Participants from countries with no Pakistani diplomatic mission should also write to the Secretariat at least three months in advance. A formal invitation letter would be required from the Chairman, Local Organizing Committee (Prof. M. Iqbal Choudhary) for this purpose.

Karachi has a modern international airport, which provides connections to all major cities of the world. Most of the major airlines of the world have frequent flights to Karachi, since the city provides a major route linking with the Far East as well as with the Middle East, Europe and USA.

## ACCOMMODATION

All plenary and invited speakers will be accommodated in the International Guest houses of ICCBS, which has excellent housing facilities. However other participants can reserve their accommodation from the following hotels in advance, on self-payment basis. Complementary transportation will be provided to them during the symposium.

Class A  
5-3-Star Hotels

	Approx. per night	Distance from symposium venue
A-1 Movinpick Hotel	US \$ 250	(20 kms)
A-2 Hotel Marriott	US \$ 250	(20 kms)
A-3 Hotel Pearl Continental	US \$ 250	(20 kms)
A-4 Hotel Avari Tower	US \$ 200	(18 kms)
A-5 Hotel Regent Plaza	US \$ 150	(16 kms)
A-6 Hotel Carlton	US \$ 120	(25 kms)
A-7 Ramada Inn Hotel	US \$ 150	(6 kms)

Class B Other Hotels		
C-2 Best Western Hotel	US\$ 55	(13 km)
C-3 Hotel Mehran	US\$ 50	(15 km)
C-3 Embassy Hotel	US\$ 60	(14 km)

Class C (Only for foreign graduate students)

Guest Houses	US\$ 35	(10-15 km)
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Only limited accommodation is available and participants are therefore advised to send the completed hotel accommodation form along with the registration fee and cheque corresponding to the number of nights they wish to stay in Karachi as soon as possible, particularly since hotels in Karachi are generally heavily booked in November. Payments should be made directly to the Secretariat either in the form of a bank draft in favor of "International Symposium".

## CALL FOR POSTER AND PAPERS

Poster sessions are planned for December 17, 2016 for the EuAsC<sub>2</sub>S-14 from 3:00 – 5:00 p.m. Authors are expected to be present for the sessions indicated in the conference program. Abstracts and posters must be in English and the poster or abstracts should be submitted on