

Scope of Symposium

The 10th Interdisciplinary Symposium on Materials Chemistry, ISMC-2024, is being organized jointly by the Society for Materials Chemistry (SMC) and Chemistry Division, Bhabha Atomic Research Centre (BARC), Trombay, Mumbai, India, during December 4-7, 2024. The symposium is supported by Board of Research in Nuclear Sciences (BRNS) and Department of Atomic Energy (DAE). In this Symposium, it is planned to focus on contemporary research areas of materials chemistry relevant to DAE programmes. Deliberations of the symposium will cover the following topics:

- ➔ Nuclear materials.
- ➔ Nanomaterials
- ➔ Carbon based materials
- ➔ Materials for energy conversion and storage
- ➔ Fuel cell materials and other electro-ceramics
- ➔ Materials for healthcare
- ➔ Polymers and soft condensed matter
- ➔ Thin films and surface chemistry
- ➔ Magnetic materials
- ➔ Catalysis
- ➔ Chemical sensors
- ➔ Organic and organometallic compounds
- ➔ High purity materials
- ➔ Hybrid materials and composites
- ➔ Computational materials chemistry

Important Dates

Last date for submission of papers in prescribed template Aug 16, 2024
 Acceptance of papers (not applicable for invited speakers) Sep 30, 2024
 Payment of registration fee Nov 15, 2024
 Note: Registration fee should be sent only after receiving intimation of acceptance of your paper

Addresses for Communication

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Registration Details and Fee Structure

All the participants of ISMC-2024 are expected to get registered in advance by filling the registration form online (www.smcindia.org/ismc-2024), giving registration fee details. Registration fee should be credited to ISMC account by online transfer/RTGS/NEFT mode only. Payment made by other modes will not be taken into consideration. ISMC account details and other information will be provided in the intimation letter regarding acceptance of paper. The registration fee covers electronic copy of symposium proceedings (CD), lunch, dinner and refreshments during the symposium period, but does not cover the accommodation charges. The details of the registration fee are given below :

Research Scholars	Rs. 3500/-*
Delegates from Universities/Educational Institutions/ Government Departments/ accompanying person with delegates	Rs. 6000/-*
Delegates from Public Sector Undertakings	Rs. 9000/-*
Delegates from Industries	Rs. 10000/-
Delegates from abroad [#]	US \$ 300/-
Accompanying person with foreign delegates [#]	US \$ 300/-
Research Scholars from abroad [#]	US \$ 300/-

*A concession of Rs. 500/- is applicable to Life members of Society for Materials Chemistry (SMC)

[#]Overseas participants must obtain Business VISA to attend the conference.

Tourist VISA holders are not permitted to enter symposium venue.

Note : The registration fees are non refundable.

Submission of Contributory Papers

Desirous participants may submit their contributory papers as per the template on the symposium website (www.smcindia.org/ismc-2024) before August 16, 2024. Acceptance of papers will be communicated by September 30, 2024. After acceptance of the paper, registration is mandatory to participate in the symposium (Last date of payment of registration fee is November 15, 2024).

General Guidelines for Contributory Papers

Language: English
 Paper size: A4; 1 inch margins on all sides
 Text: Times New Roman, 10 pt font; single line spacing; no extra spacing between paragraphs (see template for more details)
 Size: Not more than 1 page, including tables, references and illustrations.
 One page space should be fully utilized with sufficient scientific information.
 Papers with insufficient information will not be considered.
 File format: Microsoft Word (Office 2003, 2007, 2010, 2016)

Accommodation

Limited accommodation for delegates will be available at BARC Guest Houses/Hostels, on payment basis. Delegates interested to stay at Private Hotels can do so directly with the hotel and inform us accordingly. Request for accommodation should be made at symposium website only after payment of registration fee. Accommodation for only one author per contributory paper will be provided. Accompanying persons, if any, are requested to make their own accommodation arrangement.

Travel Assistance

Participants are requested to make their own travel arrangements. Financial assistance by second class train fare for shortest route of travel may be available to a limited number of research scholars or students presenting paper, in case their establishment is unable to arrange for the same. Requests for financial assistance must be forwarded through the Director/Head of the parent institution to the Secretary, Symposium Organizing Committee, ISMC-2024, positively by October 31, 2024. On the spot requests for travel assistance will not be entertained.

Board of Research in Nuclear Sciences (BRNS)

Board of Research in Nuclear Sciences (BRNS) supports research and development activity in universities, institutes of higher learning and national laboratories in the fields relevant to the mandate of Department of Atomic Energy. BRNS also supports symposia, conferences, seminars and workshops in various areas of science and technology.

N.B. Landmarks can be identified in the enclosed map.

Society for Materials Chemistry (SMC)

The Society for Materials Chemistry (SMC) was founded in 2007 after successfully conducting the 1st International Symposium on Materials Chemistry (ISMC 2006) at BARC, Mumbai, with Chemistry Division, BARC, as its headquarters. SMC is now a registered public trust with more than 2200 life members. The Society provides a common platform to young researchers and active scientists in the area of Materials Chemistry by arranging biennial symposia and National workshops. The 9th Interdisciplinary Symposium on Materials Chemistry (ISMC 2022) was held at BARC, Mumbai during 7-10, December, 2022. The 10th symposium in this series (ISMC 2024) is now being co-organised by SMC with the financial support from BRNS. We do hope for further enrichment of strength and activities of SMC by arranging workshops, bringing out newsletters, bulletins, etc.

**Patron**

Vivek Bhasin, Director, BARC, Mumbai

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Symposium Organizing Committee

A. K. Tyagi, BARC, Mumbai	Chairman
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N. Choudhury, BARC, Mumbai	Co-Chairman
V. Sudarsan, BARC, Mumbai	Convener
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S. Dey, BARC, Mumbai	M. K. Saxena, BARC, Mumbai
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V. Grover, BARC, Mumbai	H. P. Upadhyaya, BARC, Mumbai
U. Kumar, BARC, Mumbai	S. Varma, BARC, Mumbai

Passport Details Required from Overseas Participants

Full Name : _____

Date of Birth: _____ Gender: MALE / FEMALE / OTHERS

Place of Birth: _____

Father's/Husband's Name: _____

Designation & Affiliation: _____

Nationality : _____

Passport Number*: _____

Date & Place of Issue : _____

Passport Issuing Authority : _____

Expiry Date of Passport : _____

Present Address : _____

Permanent Address : _____

Telephone : (0) _____ (R) _____

FAX : _____ Email : _____

Date : _____ Signature : _____

To

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The Venue, DAE Convention Centre

DAE-Convention Centre is located in Anushaktinagar, the residential colony of Bhabha Atomic Research Centre (BARC), Mumbai. BARC is the premier multidisciplinary Nuclear Research Centre of India. Anushaktinagar is located at the north-eastern part of Mumbai city, which is well connected to other parts of India and to the rest of the world. Participants arriving by train may alight at Dadar, Mumbai Central, Mumbai CST, Kurla or Bandra Terminus. Those travelling by air will arrive at Chhatrapati Shivaji Maharaj International Airport. Anushaktinagar is about 20 km from Mumbai CST, less than 30 km from the other terminals, and about 20 km from the international airport. Black-Yellow-metered taxis are available at airports and railway stations. Delegates coming by flights are advised to take taxi from pre-paid taxi service kiosks at the airport. Taxi fares are based on tariff related to the meter readings. Anushaktinagar is also approachable by the harbour branch of local trains that start from Mumbai CST and pass through Mankhurd station. Those availing local trains may alight at Mankhurd station and take auto-rickshaw from there for reaching the BARC Guest House located at Anushaktinagar.

N.B. Landmarks can be identified in the enclosed map.

Mumbai City

Mumbai, previously known as Bombay, is a major metropolitan city, the state capital of Maharashtra and also the economic capital of India. It has historically evolved out from a group of seven islands in the Arabian Sea which lies off the northern Konkan coast on the west of Maharashtra. Bombay, which the king of Portugal gave as a dowry to Charles-II of England in 1661, has grown from marshy fishing village to a global cosmopolitan city. Today, it is inhabited by about 21 million people from all over the country. Mumbai's climate is warm and humid for most part of the year. The sky remains clear during November to February with temperatures generally within 15 to 25 degree Celsius. Lighter clothing suits with the weather.

Tourist attractions

The Asiatic Society of Mumbai, Bombay Natural History Museum, Bombay Stock Exchange, Elephanta Caves, Film City, Gateway of India, Jehangir Art Gallery, Kanheri Caves, Marine Drive (earlier Queen's Necklace), Chowpatty Beach, Nehru Planetarium, ISKCON Temple, Vihar Lake, Chhatrapati Shivaji Maharaj Vastu Sangrahalaya (formerly Prince of Wales Museum), Sanjay Gandhi National Park (formerly Borivali National Park, CST (formerly Victoria Terminus), Bandra-Worli Sea Link and Atal Setu.

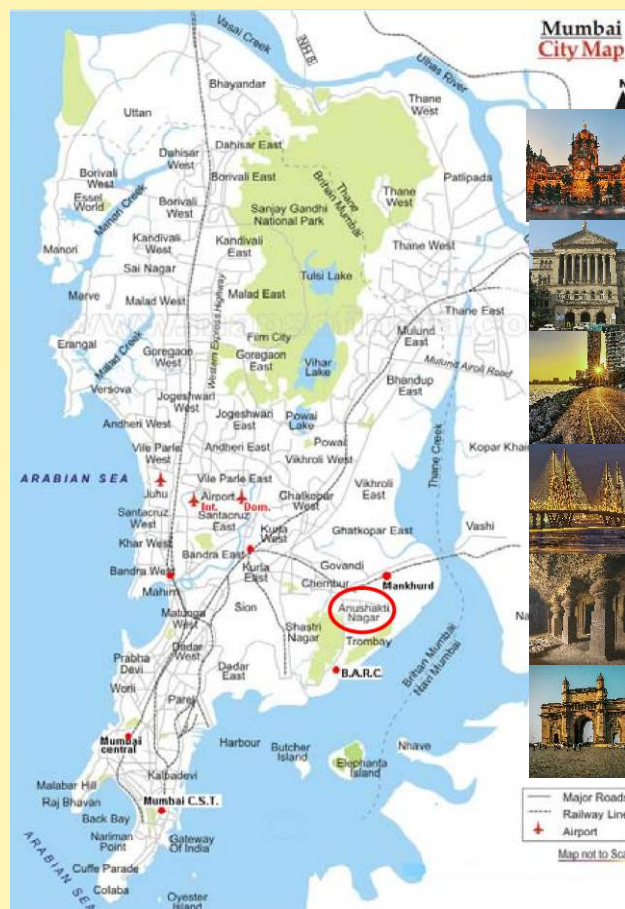
People, Art, Culture and Industry

A resident of Mumbai is called a Mumbaikar, Mumbaite or Bombayite. Life of an average Mumbaikar is very fast-paced. Mumbai is the birthplace of Indian cinema, with the oldest film made here in the early 20th century.

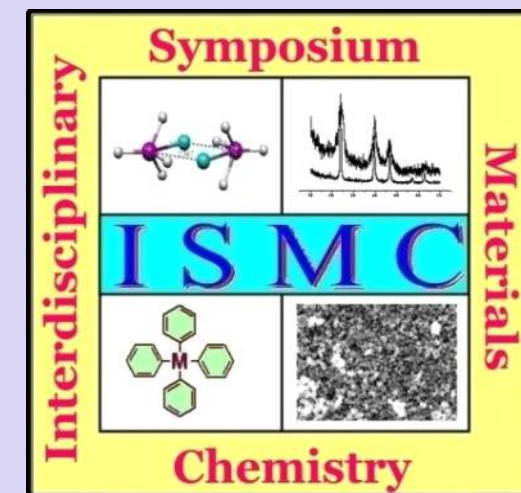
The city also has a thriving theatrical tradition in Marathi, Hindi, Urdu, English and other regional languages. Contemporary art is well-represented in both government funded art spaces and private commercial galleries. The government-funded art galleries include The Jehangir Art Gallery and The National Gallery of Modern Art. Built in 1833, the Asiatic Society of Mumbai is the oldest public library in the city. Being a cosmopolitan city both Western and Indian festivals are celebrated with great fanfare by residents of all communities and religions. Diwali, Holi, Christmas, Navratri, Good Friday, Eid, Dussera, Moharram, Ganesh Chaturthi, and Maha Shivratri are some of the most popular festivals in the city. Mumbai has a vast array of different industries which include pharmaceuticals, construction, engineering, metals, silks, glassware, printing, plastics, bikes and film. However, textiles are still Mumbai's largest industry. It also has a large petroleum industry. Nearly all of India's petroleum is marketed through Mumbai.

Academic & Research Organizations

There are several academic and research organizations in Mumbai and these include-Bhabha Atomic Research Centre (BARC), Tata Institute of Fundamental Research (TIFR), Indian Institute of Technology, Bombay (IIT, Bombay), Mumbai University, Institute of Chemical Technology (ICT), Tata Institute of Social Sciences, SNDT University, Institute of Science, Homi Bhabha National Institute, Centre for Excellence in Basic Sciences (CEBS), etc..



DAE-BRNS
**10th Interdisciplinary Symposium
on Materials Chemistry**

**ISMIC-2024**

December 4-7, 2024

DAE Convention Centre
BARC, Mumbai – 400094, INDIA

Jointly Organized by :



Chemistry Division, BARC
Mumbai – 400085, INDIA



Society for Materials Chemistry
Mumbai

Supported by



Board of Research in Nuclear Sciences
Department of Atomic Energy
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Mumbai