

Important Deadlines

Paper Submission : Mar 15, 2018
Acceptance of Paper : June 15, 2018
Registration : July 15, 2018
Accommodation : July 31, 2018

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Materials & Technologies for Energy Conversion and Storage (M-TECS 2018) September 26-29, 2018



Organized by
Bhabha Atomic Research Centre

in association with
Materials Research Society of
India-Mumbai Chapter

at
DAE Convention Centre,
Anushaktinagar, Mumbai

Supported by
Board of Research in Nuclear
Sciences (BRNS)

About the conference

Today India is one of the fastest growing economies in the world. For maintaining such a growth rate in tandem with growing population, the affordable and renewable energy supply is one of the major emerging challenges. At this juncture, it is essential to discuss and chalk out plans for innovative materials and technologies for harnessing energy from renewable sources. The Bhabha Atomic Research Centre in association with the Materials Research Society of India (MRSI) –Mumbai Chapter announces a conference on “**Materials & Technologies for Energy Conversion and Storage (M-TECS 2018)**” to provide a common platform to material scientists, technologists and industrialists for discussing and sharing their expertise and challenges related to energy conversion and storage. Contributions are welcomed from all fields of renewal energy sources, related technologies and development of instruments.

About Organizers: BARC is a premier multi-disciplinary research and development centre in India. It was set up in the year 1954 as Atomic Energy Establishment Trombay. In 1967, it was renamed after the founder of the establishment, Dr. Homi Bhabha Jahangir. BARC has state-of-art infrastructure for pursuing R&D covering the entire spectrum of Nuclear Science & Engineering.

MRSI came into existence in February 1989, thanks to the farsighted vision of Prof. C. N. R. Rao. The Society is committed to stimulate and integrate research in the field of materials for rapid industrial progress in the country. MRSI functions through 18 Regional Chapters and 16 Subject groups.

Among others, MRSI Mumbai-Chapter is one of the active chapters engaged in promoting materials research in and around Mumbai region, which includes but not limited to in organizing several theme Symposia, Seminars, Workshops, MRSI Annual lectures, and also granting travel awards to researchers.

About the Place: Mumbai is situated on seven islands: Isle of Bombay, Parel, Mazagaon, Mahim, Colaba, Worli, and Old Woman's Island (Little Colaba). It is the financial, commercial and entertainment capital of India. It is also one of the prominent scientific and academic hubs in India. Mumbai is home of India's premiere nuclear institutes for example, Bhabha Atomic Research Centre, Nuclear Power Corporation of India, and Tata Institute of Fundamental Research. The city also is also known for premiere academic institutes like Indian institute of technology (IIT –Bombay), University of Mumbai – one of the oldest universities in India, and Institute of Chemical Technology.

Scope of the Conference

- **Solar Energy Materials**
- **Thermoelectric Materials**
- **Alternate Energy Sources (Nuclear, Fuel cell, Wind, Tidal, Hydrogen, Water splitting etc.)**
- **Energy Storage Materials and Devices**
- **Single Crystal, Sensor, and Transducer**
- **Instrumentation**

Call for paper

High quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental or theoretical work in all areas fall under the scope of the conference will be accepted and invited for presentation at the conference. All authors are encouraged to submit their research abstracts and papers online. For details about the format of the manuscript and its submission please visit our website: <http://www.mtecs.co>

Preparation of Manuscript

Please follow the Microsoft Word templates for the preparation of manuscripts and abstracts available at the conference website.

To submit a paper, one has to create a 'user account' at the website. The DOC files of manuscript and abstract as well as PDF file of manuscript have to be uploaded at the website. Please follow the instructions to submit your paper. All submitted papers will be blind reviewed by two competent reviewers. The recommended papers will be accepted for presentation during the conference as posters/orals.

Publication:

High quality research papers presented in the conference will be published online in the special issue of the **Bulletin of Materials Science** (www.springer.com/12034, 5-Yr impact factor 1.179).

Awards:

Exceptionally high quality applied works will be selected for Promising Material and Innovative Technology Awards. In addition, awards will also be given for the best posters in each topic.

Registration

All participants should register before **July 15, 2018** online. The registration fees are as follows:

Research Students and PostDocs: ₹ 2500/-
Scientists and Faculties : ₹ 3500/-
(A discount of ₹ 1000 for MRSI life members)

Accommodation and Local Arrangements

Request for accommodation can be made via the website from **July 15th to 31st, 2018**. If you have created a "User account" for paper submission or registration, the same can be used for accommodation, otherwise create a new account. Accommodation charges are as follows:

For Students: ₹2500 (full conference period)

Guest House for faculty & Scientist:
₹ 1200 per day (AC Double Occupancy)
₹2000 per day (AC Single Occupancy)

Guest house accommodation is limited and will be provided on the first come first serve basis.

More details can be obtained from our website.

Bank Details:

A/C No- 37337318348

Bank –SBI, Branch –BARC IFSC:SBIN0001268

Draft can be drawn in favor of M-TECS 2018 payable at Mumbai

Financial Assistance

A few deserving students may be provided sleeper class fare to attend the conference.