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SOUVENIR

A souvenir containing the abstracts of key speakers, invited lectures and posture presentation, advertisements of sponsoring agencies will be published.

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The amount for the advertisement/sponsorship may be sent in form of a Crossed Bank draft Multi-city cheque drawn in favour of 'Organizing Secretary EEMR-13', IMMT, Bhubaneswar, payable at SBI, RRL branch, Bhubaneswar.

CONTACT

The Organizing Secretary : Dr. Bimal P. Singh, International Conference on "Frontiers in Energy, Environment Health and Materials Research" (EEMR-2013),

CSIR-Institute of Minerals & Materials Technology, Bhubaneswar - 751013, Odisha, India

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INTERNATIONAL CONFERENCE ON FRONTIERS IN ENERGY, ENVIRONMENT, HEALTH AND MATERIALS RESEARCH (EEMR -2013)

**12th-13th August, 2013,
Bhubaneswar**



Sponsored by

Japan Society for Promotion of Science (JSPS), Japan

Co-sponsored by

**Council of Scientific and Industrial Research, India
Toyo University, Japan**



Organized by

Indian JSPS Alumni Association (IJAA)



Co organized by

**CSIR-Institute of Minerals & Materials Technology
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PREAMBLE

Materials are the fundamental basis for solutions to the most pressing issues in energy, environment and health as well as more general issues in sustainability. Long term solutions to these problems will depend on breakthrough innovations in materials. These have been key to the increased research activities on challenging materials design that is making the sustainability a reality. The development of advanced materials and green technologies with improved performances for producing and storing energy is essential for securing our energy future and clean environment and better health care.

In order to disseminate information on latest developments in these fields as well as to discuss ideas among the participants and experts from India and Japan, an International Conference on "Frontiers in Energy, Environment, Health and Materials Research" (EEMR-2013) and 4th Annual Conference of Indian JSPS Alumni Association sponsored by Japan Society for Promotion of Science (JSPS) have been planned on 12-13th August 2013 at Bhubaneswar. These events will be organized by Indian JSPS Alumni Association, (IJAA) in association with CSIR-Institute of Minerals and Materials Technology (CSIR-IMMT), Govt. of India, Bhubaneswar, Odisha, India.

The objective of the conference is to bring together the academia, leading experts and young researchers on a common platform through an effective interaction on the topics relating to innovative materials research, pertaining to energy, environment health and society at large. The close interactions between the experts and participants will help identify the new challenges and emerging trends of such highly interdisciplinary research area. The conference will consist of plenary lectures, keynote addresses, and invited lectures, which would cover recent advances in energy, environment health and materials research. Poster sessions for JSPS Alumni members, young researchers, and students will be organized.

JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE (JSPS)

The Japan Society for the Promotion of Science (JSPS) is an independent administrative institution, established by way of a national law for the purpose of contributing to the advancement of science in all fields of the natural and social sciences and the humanities. JSPS plays a pivotal role in the administration of a wide spectrum of Japan's scientific and academic programs (<http://www.jsps.go.jp/english/>).

INDIAN JSPS ALUMNI ASSOCIATION (IJAA)

The Indian JSPS Alumni Association (IJAA) was founded in the year 2006, with the objectives to promote and advance scientific exchange, research and cultural collaboration between India and Japan, to encourage collaborative work amongst the JSPS fellows, host professors and honorary members. Indian researchers visited Japan under JSPS have been advancing research and cultural ties



between India and Japan. In order to retain contact with Indian JSPS scientists and their host scientists in Japan, an Indian JSPS Alumni Association has been formed. For details see the website www.indianjpsalumni.org

ABOUT CSIR-IMMT

CSIR-Institute of Minerals and Materials Technology (IMMT), is a constituent Institute of Council of Scientific & Industrial Research (CSIR), government of India. The main thrust of this institute is to provide R&D leadership for process and product development with special emphasis on conservation and sustainable utilization of natural resources. CSIR-IMMT is going to celebrate Golden Jubilee of its illustrious existence during 2013-2014. Visit website <http://www.immt.res.in> for additional details of its research capability.



BHUBANESWAR CITY: A BLEND OF RICH TRADITION AND MODERN SOPHISTICATION

Bhubaneswar, with its twin city Cuttack, is popularly known as temple city and is the capital of the state of Odisha. It is bestowed with magnificent sculptures and architectural heritage, which occupies a significant position in the tourism map of India. Well-connected by air, rail and road to all major Indian cities, this eastern Indian city with a rich history has undergone significant developments to become a major industrial centre and a prominent R&D hub. In and around Bhubaneswar, there are more than 50 undergraduate engineering colleges, nationally acclaimed technical Institutes, and Internationally recognized Research Institutes. Bhubaneswar also offers a very rich treasure for the tourist, with the major tourist attractions being the 13th century magnificent Konark, Sun temple has been declared a world heritage site by UNESCO, Jagannath Temple puri, Dhauligiri Shanti Stupa also known as peace pagoda, Raja-Rani temple, Nandankanan National Park, Chilka lake, and Puri Beach. More details about tourism opportunities in and around Bhubaneswar can be obtained from www.visitorissa.org.

The climate of Bhubaneswar during August is very pleasant, the average maximum and minimum temperature being 30°C and 25°C respectively with occasional light shower. The warmth and hospitality of the people are the main attraction in this region.

CALL FOR ABSTRACT

Prospective authors are invited to submit abstract which are relevant to the themes of the conference to the organizing secretary (EEMR-13). Areas of interest include, but are not limited to:

- ❖ Innovative materials for renewable energy harvesting,
- ❖ Modern technique for energy storage,
- ❖ Waste heat management
- ❖ Bio-nano materials
- ❖ Composite materials
- ❖ Functional smart materials



- ❖ Health related issues & solution
- ❖ Novel materials
- ❖ Solar/photovoltaic technologies
- ❖ Any others related to science & technology

All accepted paper will be presented in the poster session and the author will be allowed to present their paper. The abstract should be limited to 500 words and submitted before 15th June 2013.

SCIENTIFIC PROGRAMME

The scientific programme will consist of Opening (Plenary) Lectures, Invited Lectures, and Poster contributions. English will be the official language of the conference

SOCIAL PROGRAMME

The social programme will include various social activities. Detailed will be given in the Final Announcement.

ACCOMMODATION

Accommodation will be arranged in the Institute Guest House and in and around CSIR-IMMT Bhubaneswar.

REGISTRATION FEE

Participants are requested to register well in advanced using registration format attached. Registration fee for the delegates is Rs. 2000/-. And for the student Rs.1500/-. Registration fee may be paid by DD/Multi-city cheque in favour of "Organizing Secretary- EEMR-13" and payable at SBI, RRL branch, Bhubaneswar.

EXHIBITION AND SPONSORSHIP

EEMR-2013 provides a golden opportunity for companies to exhibit their products/equipment or advertise their capabilities. The events offers various avenues for a company to promote itself among the targeted audience, either by booking a stall at the exhibition to be organized adjacent to one of the technical sessions to ensure maximum attention from the participants or by utilizing one of the many diverse sponsorship opportunities available to get the desired visibility.

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Registration Form

(To be submitted in advance)

Name

Designation

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Address

Telephone number

Fax

E-mail

Research interest

Accommodation required

Yes

No

Signature

To,

The Organizing Secretary

International Conference on "Frontiers in Energy, Environment, Health and Materials Research" (EEMR-13),

CSIR-Institute of Minerals & Materials Technology,

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