



Conference Venue

Bhubaneswar is the capital city of the mineral rich state Odisha. This provides immense scope for research and development for the minerals and metallurgical fraternity. The city has a long history of over 2000 years. Its proud possession of magnificent sculptures and architectural heritage makes this one of the greatest religious centres of Odisha. With over 600 Hindu temples, Bhubaneswar is often referred to as the Temple City of India. Together with Puri and Konark, Bhubaneswar forms the 'Golden Triangle' of Eastern India. The city is surrounded by dense canopy of picturesque forests along with an abundance of in-city greenery. A sightseeing tour in and around Bhubaneswar will be organized as part of the conference. If you plan to travel in India prior to or after the conference and need any assistance, please contact the conference secretariat.

Logistics

All delegates are urged to pre-register as it will facilitate easy hotel booking, tours and other logistics. All relevant information regarding accommodation will be provided to the registrants as soon as their intent of participation is received. International delegates requiring a visa to travel to India may obtain letter of support from the conference convener, Prof. M. Chakraborty (madhu@iitbbs.ac.in) with particulars of passport number, issue and expiration dates, and country of issue. Delegates are urged to apply for visa at least 6-8 weeks prior to travel.

Conveners

Convener

Prof. M. Chakraborty
IIT Bhubaneswar, India
madhu@iitbbs.ac.in

Co-Conveners

Prof. B.S. Murty, IIT Madras, India
murty@iitm.ac.in
Dr. A. Mandal, IIT Bhubaneswar, India
animesh@iitbbs.ac.in

For more Information

Chairman

Prof. Arne K. Dahle
The University of Queensland, Australia
a.dahle@uq.edu.au

Conference Secretariat

icssp5@gmail.com / icssp5@iitbbs.ac.in

Conveners

Prof. M. Chakraborty | madhu@iitbbs.ac.in
Prof. B.S. Murty | murty@iitm.ac.in
Dr. A. Mandal | animesh@iitbbs.ac.in

Deadlines

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|------------|----------------|
| Abstract | March 31, 2012 |
| Manuscript | June 30, 2012 |



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CALL FOR PAPERS

Fifth

International Conference on
Solidification Science and
Processing

ICSSP5



November 19-22, 2012

Organized by:



School of Mechanical Sciences
Indian Institute of Technology

Bhubaneswar 751013 India
www.iitbbs.ac.in/conference/icssp5/

Scope of the Conference

The aim of this conference is to allow participants an opportunity to discuss the recent developments in the field of solidification science and processing and review challenges faced by the community in the 21st Century. The conference consists of invited oral presentations and contributed posters. To ensure an intense interaction amongst the researchers present at the conference, only a single session will be in progress at any given time. Students are encouraged through a reduced registration fee and the possibility of limited logistical support. Best student papers will be judged and awarded during the conference. The topics of interest include but are not limited to:

- Fundamentals of solidification
- Modeling of solidification processes
- Microstructure evolution
- Solidification under micro-gravity and external fields
- Defects in castings due to solidification
- Bulk metallic glasses and nanocrystalline materials
- Advanced materials and processes
- In-situ observation of solidification processes
- Foams and syntactic composites
- Thermo-physical properties and phase equilibria
- Nucleation and grain refinement
- Solidification of composites
- Light weight materials processing

The papers presented at the conference will be peer reviewed and published as Proceedings in an International Journal.

Abstract

Abstract should be limited to 200 words. Please do not include any figures in the abstracts. The name of the presenter should be underlined and his/her complete contact information (including phone, fax, e-mail) should be included in the abstract. Abstracts submitted as student paper should be identified as such. E-mail abstracts to the conference secretariat: icssp5@gmail.com

International Organizing Committee

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Registration

Name _____

Affiliation _____

City _____ State _____

Zip _____ Country _____

Tel. _____ Fax _____

E-Mail _____

Registration Fee

Participant :

Overseas: US\$ 500 Indian: Rs. 5000

Spouse :

Overseas: US\$ 50 Indian: Rs. 500

Student Participant :

Overseas: US\$ 200 Indian: Rs. 2000

Conference fee includes registration kit, Conference attendance, lunches, welcome dinner banquet, hosted dinners, and a subsidized tour.

Details about payment of registration fee will be available on the conference website:

www.iitbbs.ac.in/conference/icssp5/