3rd International Conference on Processing and Characterization of Materials

2021

Online Mode

ORGANIZED BY

Dept. of Metallurgical and Materials Engineering
National Institute of Technology
Rourkela, Odisha, India

EVENTS

- 5+ Sessions
- 5+ Workshops
- 5+ Exhibitions

DATE: 7 - 8 DECEMBER

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About NIT Rourkela

National Institute of Technology Rourkela is a publicly funded institute of higher learning for engineering and technology located in the steel city of Rourkela, Odisha, India. With 21 departments awarding degrees in Engineering, Science, Planning and Architecture, Management, and Humanities, NIT Rourkela is one of the prestigious institutes in the country.

About Rourkela City

One of the beautiful cities of the state of Odisha and connected with all parts of the country by railways and roads. The city experiences beautiful winter with a minimum temperature of 12 °C accompanied with bright sunshine.





International advisory body

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Scope and objectives

ICPCM provides a platform to present your projects and experiences to discuss the latest developements in processing and characterization of materials. The conference program emphasizes evidence-based practice, educational innovation, practical applications and peer to peer networking and collaboration.

A truly international event

The goal of the conference is to provide a transformative professional developement experience through bringing together world's scientific experts. Also to catalyze and advance scientific knowledge about material processing and characterization and present the most recent findings, promote and enhance scientific collaborations around the world.

About the conference

Abstract and Publication

You are invited to submit abstracts and contribute to the conferecne. ISBN publication will be produced for all accepted abstracts and paper.

Organizing Committee

Organizing Chairperson	Prof. Anindya Basu, NIT Rourkela
Conference Convener	Prof. Archana Mallik, NIT Rourkela
Conference Secretary	Prof. K. K. Mehta, NIT Rourkela
Treasurer	Prof. K. Dutta, NIT Rourkela

Venue

Laboratory Advisory Board

- Advanced Composites Collaborations for Innovation and Science, University of Bristol
- Composite Construction Laboratory, EPFL, Switzerland
- Center for Composite Materials, University of Delaware, USA
- Nanomaterials Laboratory, Rice University, USA
- Smart Composites System Laboratory, University of Tokyo, Japan
- Centre for Sustainable Materials Research & Technology, University of New South Wales, Australia
- Composite Material Research Laboratory, The University of New Orleans, USA

Major sessions:

- Materials processing: Metal working, Joining of materials, Solidification and casting
- Advanced materials processing: Vacuum based techniques, Laser processing, Powder processing
- Material characterizations: XRD, Electron Microscopy, Spectroscopy techniques
- Advanced characterization techniques: LEED, EXAFS, XPS, SIMS, SPM, EPMA, HAAD, STEM-EELS
- Mechanical property evaluation
- Materials with immediate societal impact
- Materials modeling and simulation

Important dates:

Abstract submission deadline: 10 October 2021

Notification of acceptance or rejection: 30 October 2021

Final paper submission deadline: 15 November 2021

Registration deadline for authors: 30 October 2021

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