

Organizing Committee

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Sponsorship Category

Categories	Charges	Free delegates
Platinum	INR 2,00,000	10
Diamond	INR 1,00,000	5
Gold	INR 75,000	3
Silver	INR 50,000	2
Bronze	INR 25,000	1

Tourist Places Near Rourkela



International Speakers



Prof. Anthony D. Rollett,
Carnegie Mellon University, Pittsburgh, USA
Broad area: Microstructural evolution and microstructure-property relationships in 3D, using both experiments and simulations, 3D printing of metals, materials for energy conversion systems, strength of materials, constitutive relations, microstructure, texture, anisotropy, and stereology of metallic materials.



Prof. Christopher C. Berndt,
Swinburne University of Technology, Australia.
Broad area: Coatings technology; biomaterials such orthopaedic devices; failure of materials; thermal spray; nanotechnology.



Prof. Joao Pedro Oliveira,
Universidade NOVA de Lisboa, Portugal.
Broad area: Processing/ microstructure/ properties relationships in a wide range of engineering materials including shape memory and high entropy alloys.



Dr. Juergen Eckert,
Director of Materials Physics of the University of Leoben, Austria
Broad area: Materials physics, metastable materials, structure and property correlations and structural and physical properties of advanced materials.



Dr. M. V. Reddy,
Group leader in Energy Storage Technology, Nouveau Monde Graphite (NMG), Montreal, Canada.
Broad area: Materials for Energy Storage (cathodes, anodes, supercapacitors and electrolytes), Materials processing & characterization, and the development of in situ techniques for Energy storage renewable technologies.

Address for Correspondence

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ICPCM 2022

4th International Conference on
Processing & Characterization of
Materials

09 - 11 December, 2022

Celebrating
60 years of excellence



Organized by
Dept. of Metallurgical and Materials Engg.,
National Institute of Technology, Rourkela,
Odisha, India





About the Department

Established in 1962, the Department of Metallurgical and Materials Engineering has emerged as a powerhouse for academics, scientific research and cutting edge technologies. With time, the department grew noticeably and established new areas of research and teaching in materials engineering, while retaining its strength in traditional areas in metallurgical engineering. The department attracts bright students and researchers from the entire nation. The well-developed infrastructure and diversified expertise of the faculties have provided the department a global acceptance.

Aim of the Conference

Advanced processing of materials and their subsequent characterization has become more relevant with the advancement of technology and need of high quality materials for critical applications. The purpose of this conference is to emphasize the recent developments in materials processing and characterization techniques. The conference is expected to attract the researchers, scientists, practicing engineers from various R & D organizations, academic institutions and industries at a single forum. The interdisciplinary approach of the conference may allow the participants to look beyond their areas of activities. The organizers of the conference are already in touch with eminent researches to deliver key note addresses. This is expected to be a platform for young researchers of the nation to discuss their work with eminent researches of the fields. Senior practicing engineers, established researchers and faculty members will also get an opportunity to share their knowledge and information.

Conference Themes

- Ferrous and Non-Ferrous Metal Extraction
- Mechanical Metallurgy and Failure Analysis
- Material Characterization Techniques
- Composite Materials
- Advanced Materials and Processing
- Surface Engineering, Thin film and Coatings
- Modelling and Simulation in Metallurgy and Materials Engineering
- Corrosion and Environmental Degradation

Deadlines

Abstract submission deadline : 30/09/2022
Abstract acceptance deadline : 15/10/2022
Full paper submission deadline : 15/12/2022

Conference Fee

Research scholars/Graduate Students : Rs. 7,000
Delegates from academics and R&D : Rs. 9,000
Delegates from Industry : Rs. 15,000
Foreign delegates : USD 300

*Conference fee is inclusive of GST

*Conference fee includes registration kit and certificate of presentation

#For online payment details and guidelines for the abstract preparation, kindly visit conference website

Conference Publication

Selected papers presented in the Conference will be published in Regular Issue of SCI/Scopus indexed journal. (to be updated soon in the conference website)

Journals being approached for publication are Materials Today Proceedings (Scopus), Metals and Materials International / International Journal of Materials Research (SCI)

Accommodation

Limited accommodation will be provided in institute guest house on first come first serve basis. Prior information for requirement of institute accommodation is to be intimated by participants. However, accommodation will be available in many hotels of Rourkela city at reasonable tariff on payment. The Institute is situated only at 15 minutes driving distance from the city.

International Advisory Committee

Prof. Anthony D. Rollett, Carnegie Mellon University, Pittsburgh, USA.

Prof. Christopher C. Berndt, Swinburne University of Technology, Australia.

Prof. Elena Pereloma, University of Wollongong, Australia.

Prof. Filippo Berto, Norwegian University of Science and Technology, Norway.

Prof. Joao Pedro Oliveira, Universidade NOVA de Lisboa, Portugal.

Dr. Juergen Eckert, Director of Materials Physics of the University of Leoben, Austria.

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Prof. Manoj Gupta, National University of Singapore, Singapore.

Dr. M. V. Reddy, Group leader in Energy Storage Technology at Nouveau Monde Graphite (NMG), Montreal, Canada.

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National Advisory Committee

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Conference Organization

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