



The 4th International Conference on

OPTOELECTRONIC AND NANOMATERIALS
FOR ADVANCED TECHNOLOGY

icONMAT 2025

Jointly Organized by

Department of Physics

Centre of Excellence in Advanced Materials (CAM)

Cochin University of Science and Technology

Nanomaterials & Devices
Energy Harvesting & Storage
Thin Films & Coatings
Bio Materials & Engineering
Ultrafast Laser Technologies
2D Materials & Devices
Quantum Materials

Pre-conference workshop on 11th February 2025



Seminar Complex, CUSAT



11 - 14 February 2025



✉ iconmat@cusat.ac.in

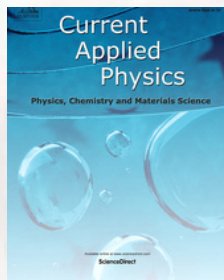
🌐 <https://iconmat2025.cusat.ac.in>

ABOUT THE CONFERENCE

icONMAT 2025 event marks the fourth in a series that was formerly known as OMTAT (Optoelectronic Materials and Thin Films for Advanced Technology). The conference will provide a platform to present state of the art methods in the synthesis and design of new materials and their applications such as gas sensors, photo catalysis, fuel cells, solar cells, optics, transparent electronics, high definition displays etc. The conference brings together scientists and engineers working on various aspects of fabrication, characterization, and modeling of optoelectronic materials and devices to discuss the latest developments in this field.



ELSEVIER



Peer Reviewed Papers will be published in SCOPUS Indexed Proceedings*
Selected papers will be published in Elsevier - Current Applied Physics (IF: 2.4)*
Awards for Best Oral, Flash and Poster Presentations

LIST OF CONFIRMED SPEAKERS

Dr. Philippe Poulin
Centre de Recherche Paul Pascal, CNRS France

Prof. Srinivasa R Raghavan
University of Maryland, United States

Prof. Rajeev Pattathil
Rutherford Appleton Laboratory, UK

Prof. Biju Vasudevan Pillai
Hokkaido University, Japan

Prof. M Krishnamurthy
Center Director, TIFR - Hyderabad

Prof. Philip J Camp
University of Edinburgh, Scotland

Dr. Elyes Nefzaoui
ESIEE Paris school of engineering, France

Prof. G Ravindrakumar
TIFR - Bombay

Dr. Silvia Cipiccia
University College, London

Prof. Heinrich Christoph Neitzert
University of Salerno, Italy

Dr. Asifkhan Shanavas
Scientist-D, DST-INST, Mohali

Dr. Soham Manni
IIT - Palakkad

Dr. Murukeshan Vadakke Matham
Nanyang Technological University, Singapore

Prof. Joaquim Puigdollers Gonzalez
Universitat Politècnica de Catalunya, Spain

Prof. Cristobal Voz
Universitat Politècnica de Catalunya, Spain

Dr. Mark Wiggins
University of Strathclyde, UK

Prof. M M Shaijumon
IISER - Thiruvananthapuram

Prof. Dinesh Kabra
IIT - Bombay

Prof. K G Suresh
IIT - Bombay

Dr. R Ramaseshan
IGCAR - Kalpakkam

Dr. T N Narayanan
TIFR - Hyderabad

Prof. Nripan Mathews
NTU, Singapore

Dr. Debakanta Samal
Institute of Physics, Bhubaneswar

Prof. Deepthy Menon
ASNSMM, Kochi

Prof. Vandana Sharma
IIT - Hyderabad

Dr. Svetlana Nalimova
St. Petersburg Electrotechnical University, Russia

Prof. Reji Philip
RRI - Bengaluru

Prof. Renu John
IIT - Hyderabad

Dr. Prabir Kanti Basu
Sr. Vice-President, RNSEL, Reliance

Dr. Madhu Thalakulam
IISER - Thiruvananthapuram

Dr. Rajeev N Kini
IISER - Thiruvananthapuram

Dr. Rakhi R B
CSIR - IIIST, Thiruvananthapuram

Dr. Aravind Kumar Rengan
IIT - Hyderabad

Dr. Barid Baran Lahiri
IGCAR - Kalpakkam

Dr. S Saravanan
Emmvee Photovoltaic Power Pvt. Ltd.

CONFERENCE PATRONS

Dr. N Kalaiselvi
Director General CSIR & Secretary DSIR

Prof. M Junaid Bushiri
Vice Chancellor, CUSAT

Prof. K P Sudheer
Principal Secretary S&T Department &
Executive Vice President, KSCSTE

IMPORTANT DATES

Early Bird Registration01 December 2024
Deadline for Early Bird Registration.....10 January 2025
Deadline for the Abstract Submission....20 December 2024
Acceptance of Abstract.....02 January 2025
Deadline for Full paper submission.....25 January 2025
Pre-conference Workshop.....11 February 2025

REGISTRATION FEE

Indian National	Early Bird	Late
Students	Rs. 3500/-	Rs. 4000/-
Faculty/ Research Personnel	Rs. 8000/-	Rs. 8500/-
Industry Participant	Rs. 10000/-	Rs. 12000/-
Foreign National		
Students	USD 250	USD 300
Faculty/ Research Personnel	USD 350	USD 400
Industry Participant	USD 500	USD 550

Registration Fee for Pre-conference Workshop
Rs. 500/- or USD 50

*Publication charges applicable if necessary

CONFERENCE CHAIRS

Dr. Aldrin Antony
Associate Professor and Head,
Department of Physics, CUSAT

Dr. Riju C Issac
Associate Professor,
Department of Physics, CUSAT

Prof. M K Jayaraj
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Prof. Gin Jose
Professor and Chair in Functional Materials,
University of Leeds, England

Dr. Saji K J
Associate Professor and Director,
International School of Photonics, CUSAT

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