

2D MatTech Global: Fundamentals to Applications



Only unpublished work will be considered for oral/poster presentation at the conference.

Selected high-quality submissions will be invited for publication in SCI journals or conference proceedings

About 2DMTG

2D materials are far more than a scientific curiosity; they represent a transformative frontier in materials science, poised to redefine performance boundaries across diverse technological domains. With their atomically thin, layered structures, these materials exhibit unprecedented quantum, optical, and electrochemical behaviors that are unattainable in bulk or other morphological forms. From the groundbreaking discovery of graphene to the emergence of advanced materials such as transition metal dichalcogenides, phosphorene, and MXenes, the 2D material landscape is reshaping the future of energy, healthcare, defense, electronics, photonics, flexible devices, aerospace, and quantum technologies. This conference aims to serve as a dynamic, interdisciplinary platform uniting scientists, engineers, industry leaders, and policymakers around the world. It offers a vital space for sharing pioneering research, fostering interdisciplinary collaboration, and catalyzing the next wave of innovation. By bringing together prominent figures and emerging experts in the field, the event seeks to accelerate the real-world integration of 2D materials and unlock their vast potential for global impact.

About IIT Indore

Indian Institute of Technology Indore (IIT Indore) is an Institute of National Importance established in 2009 by the Ministry of Education, Govt. of India. Over the years, IIT Indore has emerged as a leading center for teaching, research, and innovation. It has consistently ranked among the top engineering institutions in India and has earned recognition for its global impact in higher education. In recent years, it has been listed among the top young universities globally and continues to feature prominently in national rankings like NIRF. The institute boasts cutting-edge research infrastructure, modern laboratories, and smart classrooms, fostering a vibrant environment for academic excellence and interdisciplinary

Venue

IIT Indore, India

24th – 26th

June, 2026

Website

www.iiti.ac.in

Conference Themes

A] Science & Engineering of 2D materials

- Physics, Chemistry, and simulations
- Synthesis, exfoliation, and functionalization
- 2D Material-based composites, coatings, foams, and membranes
- 3D Printing of 2D materials
- 2D network of Polymer
- MAX and MXene Families
- Epitaxial and layered heterostructures
- 2D Ferroelectrics, Piezoelectric, and topological insulators,
- 2D perovskites and hybrid halides

B] Advanced Characterization Techniques for 2D Materials

- Advances in surface technology
- Spectroscopy and microscopy
- Synchrotron-based characterization
- Electronics, optoelectronics, plasmonics
- Sensing and Shielding

C] Energy Applications of 2D materials

- Energy storage applications
- Energy conversion applications
- Sustainable and green environment
- Green hydrogen generation
- Hydrogen storage

D] 2D Materials in Emerging Technologies

- Sensors, EMI Shielding, Flexible electronics
- Memory devices and memristor
- Biomedical and healthcare applications
- Anti-corrosion coatings and strength
- Quantum computing, magnetism, and spintronics
- Photonics

Other related topics

Important Dates

Abstract Submission	25 th March 2026
Acceptance of Abstract	25 th April 2026
Early Bird Registration	05 th May 2026
Final Registration	05 th June 2026
Complete Paper Submission	15 th June 2026

Advisory Committee

- Prof. Kourosh Kalantar-Zadeh, University of Sydney, Australia
- Prof. Robert Weatherup, University of Oxford, UK
- Prof. Umesh V Waghmare, President, JNCASR Bangalore, India
- Prof. T. Venky Venkatesan, Univ. of Oklahoma, USA
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- Prof. S. B. Ogale, Director TCG-CREST, & IISER Pune, India
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- Prof. Sanjay Mathur, Director, IIMC, Univ. of Cologne, Germany
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- Prof. Jin-Hyeok Kim, Chonnam National Univ., South Korea
- Prof. Bharat Jalan, University of Minnesota, USA
- Prof. Motohiko Ezawa, Univ. of Tokyo, Japan
- Dr. R. Balamuralikrishnan, Director, DMRL, India
- Prof. Bikramjit Basu, Director, CSIR-CGCRI, India
- Prof. Babak Anasori, Purdue University, USA

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Sponsorship provides an excellent opportunity to "get your company's name out" to a scientific network of representatives and a prime opportunity to make impressions on decision-makers.

TITLE SPONSORSHIP

- 35-min. presentation to entire audience.
- Promotion of the company name with title of conference.
- Prominent advertisement on the web page, dais, & electronic display.
- 2 booths in the exhibition.
- 2 full page advertisement in Souvenir.
- Free entry for 6 delegates

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- 2 full page advertisement in Souvenir.
- Free entry for 5 delegates

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- Free entry for 4 delegates.

Bronz Sponsorship

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- Free entry for 2 delegates.

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Package Sponsorship

Title	1200000
Diamond	1000000
Platinum	700000
Gold	500000
Silver	300000
Bonze	250000

Other Sponsorship

Banquet	350000
Conference Kit	200000
Stalls	50000

Banquet Sponsorship

- 1 booth in the exhibition.
- Presentation by company at Banquet

Conference Kit Sponsorship

- Prominent display of Logo on conference kit provided by the sponsor.

Payment Details

Registration Fee (tentative)

Details of Account Holder

1	Account Name	Indian Institute of Technology Indore
2	PFMS Unique Code	IITIND
3	Contact Address	IIT, Khandwa Road, Simrol, 453552, Indore
4	Registering Authority	Parliament of India
5	Agency Type	Statutory Body
6	Telephone No.	0731-6603586
7	Alt. Mob. No.	8308208880 / 9109504867
8	Official E-mail ID	arrnd@iiti.ac.in
9	TAN No.	BPLI01163B
10	PAN No.	AAAAI7115H
11	GST No.	23AAAAI7115H122

Details of Bank

1	Account Number	1476101027440
2	IFSC Code	CNRB0006223
3	MICR Code	452015003
4	SWIFT Code	CNRBINBBISG
5	Bank Name	Canara bank
6	Branch Name	Simrol IIT Branch
7	Account Type	Savings A/c

Delegate type	Indian (INR)		Foreign (USD)			
	Early Bird	Final	Early Bird		Final	
			SAARC	Non-SAARC	SAARC	Non-SAARC
UG/PG students	4000	4500	75	125	100	150
Research scholar	6000	7000	200	250	250	300
Faculty	10000	12000	300	400	400	500
Industry	15000	17000	500	700	650	850

Patron



Prof. Suhas S. Joshi, Director, IIT Indore,

Organizer



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