



4th International Conference on Current Trends in Materials Science and Engineering (CTMSE 2022)

Organised by

Department of Basic Science and Humanities
Institute of Engineering & Management, Kolkata
28th – 30th July 2022

Programme Schedule

[All time slots mentioned are in Indian Standard Time]

Day 1: 28.07.2022 (Thursday)

Time (IST)	Speakers	Session
10:00 AM - 10:15 AM	Inauguration	
10:15 AM - 10:45 AM	Prof. Pradipta Kumar Banerjee , Dean of management studies, IEM, Kolkata	Zoom Meeting https://zoom.us/j/91228798469?pwd=U0NVaHJkRTMzeTVwbERQMk81ZCtQUT09
10:45 AM - 11:00 AM	Prof. Saswati Barman , Convener CTMSE 2022	Meeting ID: 912 2879 8469 Passcode: 926941
11:00 AM - 11:15 AM	Abstract Book Opening	
11:15 AM - 11:30 AM	Prof. Prabir Kumar Das , HOD, BSH, IEM (Vote of Thanks)	
11:30 AM - 12:30 PM	Dr. Piotr Kuswik , Institute of Molecular Physics, Polish Academy of Sciences, Poland	Plenary Session 1 Session Chair: Dr. Arabinda Haldar , IIT Hyderabad
12:30 PM - 01:30 PM	Prof. Hariharan Srikanth , University of South Florida, USA	Zoom Meeting https://zoom.us/j/91228798469?pwd=U0NVaHJkRTMzeTVwbERQMk81ZCtQUT09 Meeting ID: 912 2879 8469 Passcode: 926941
01.30 PM – 02.30 PM		BREAK
02.30 PM – 03.15 PM	Prof. Maria Arantzazu Argüelles Velez , University of Oviedo, Spain	Plenary Session 2 Session Chair: Dr. Arabinda Halder , IIT Hyderabad Zoom Meeting https://zoom.us/j/91228798469?pwd=U0NVaHJkRTMzeTVwbERQMk81ZCtQUT09 Meeting ID: 912 2879 8469 Passcode: 926941

03.15 PM – 04.45 PM	Contributory Session 1	Topic: Polymer and Materials Chemistry Session Chair: Dr. Manas Panda, Jadavpur University, Dr. Tina De, IEM, Dr. Chandan Adhikari, IEM
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Day 2: 29.07.2022 (Friday)

Time (IST)	Speakers	Session
10:00 AM - 11:00 AM	Prof. Peter Fischer , Lawrence Berkeley National Laboratory, USA	Key Note Talk Session Chair: Dr. Achintya Singha, Bose Institute, India Zoom Meeting https://zoom.us/j/91228798469?pwd=U0NVaHJkRTMzeTVwbERQMk81ZCtQUT09 Meeting ID: 912 2879 8469 Passcode: 926941
11:00 AM - 12:00 NOON 12:00 NOON – 01.00 PM	Dr. Praveen Kumar , IACS, Kolkata Prof. Jayasimha Atulasimha , Virginia Commonwealth University, USA	Plenary Session 3 Session Chair: Dr. Achintya Singha, Bose Institute, India Zoom Meeting https://zoom.us/j/91228798469?pwd=U0NVaHJkRTMzeTVwbERQMk81ZCtQUT09 Meeting ID: 912 2879 8469 Passcode: 926941
01.00 PM – 01.45 PM	BREAK	
01.45 PM – 05.30 PM	Contributory Session 2 (Parallel)	Topic: Emerging Materials and Applications I Session Chair: Dr. Susmita Saha, Ashoka University, Dr. Soumyadita Pal, IEM, Dr. Jaivardhan Sinha, SRM University
01.45 PM – 05.30 PM	Contributory Session 3 (Parallel)	Topic: Emerging Materials and Applications II Session Chair: Dr. Rudra Banerjee, SRM University, Dr Tina De, IEM, Prof. Sreemoyee Ganguly, UEM, Dr. Amlan Dutta, IITKGP

05.30 PM – 06.30 PM	Prof. Shiv N Khanna, Virginia Commonwealth University, USA	Plenary Session 4 Session Chair: Dr. Somnath C Roy, IIT Madras Zoom Meeting https://zoom.us/j/91228798469?pwd=U0NVaHJkRTMzeTVwbERQMk81ZCtQUT09 Meeting ID: 912 2879 8469 Passcode: 926941
06.30 PM – 07.30 PM	Dr. Venkata Kamalakar, Uppsala University, Sweden	

Day 3: 30.07.2022 (Saturday)

Time (IST)	Speakers	Session
10:00 AM - 10:45 AM	Dr. Subhankar Bedanta, NISER, India	Technical Session Session Chair: Prof. Alope Kanjilal, Shiv Nadar University, India Zoom Meeting https://zoom.us/j/91228798469?pwd=U0NVaHJkRTMzeTVwbERQMk81ZCtQUT09 Meeting ID: 912 2879 8469 Passcode: 926941
10:45 AM – 11:30 AM	Prof. Anjan Barman , S. N. Bose National Centre for Basic Sciences, India	
11:30 PM – 12.15 PM	Dr. Amlan Dutta, IIT Kharagpur, India	
12.15 PM – 01.00 PM	Dr. Sachin Krishnia, CNRS France	
01.00 PM – 01.45 PM	Prof. Sukhendu Samajdar, MAKAUT, West Bengal, India	
01.45 PM – 02.30 PM	BREAK	
02.30 PM – 05.30 PM	Contributory Session 4 (Parallel)	Topic: Magnetism and Spintronics Session Chair: Dr. Praveen Kumar, IACS, Dr. Sudipta Bandyopadhyay, University of Calcutta, Dr. Braj Bhusan Singh, HBTU
02.30 PM – 05.30 PM	Contributory Session 5 (Parallel)	Topic: Nano Materials, Graphene and other 2D Materials Session Chair: Dr. Partha Mahata, Jadavpur University, Kolkata, Dr. Subhamoy Banerjee, IEM, Dr. Arnab Basu, IEM
05.45 PM – 06.30 PM	Valedictory session and Prize distribution	Zoom Meeting https://zoom.us/j/91228798469?pwd=U0NVaHJkRTMzeTVwbERQMk81ZCtQUT09 Meeting ID: 912 2879 8469 Passcode: 926941

Contributed Sessions

Day 1: 28.07.2022 (Thursday)

03.15 PM – 04.45 PM

- **Contributory Session – 1**

Topics: Polymer and Materials Chemistry

Session chairs: Dr. Manas Panda, Jadavpur University, Dr. Tina De, IEM, Dr. Chandan Adhikari, IEM

<https://meet.google.com/kcb-fxmd-ipg>

Day 2: 29.07.2022 (Friday)

01.45 PM – 05.30 PM

- **Contributory Session – 2**

Topics: Emerging Materials and Applications I

Session chairs: Dr. Susmita Saha, Ashoka University, Dr. Soumyadipal Pal, IEM, Dr. Jaivardhan Sinha, SRM University

<https://meet.google.com/kcb-fxmd-ipg>

- **Contributory Session – 3**

Topics: Emerging Materials and Applications II

Session chairs: Dr. Rudra Banerjee, SRM University, Dr. Tina De, IEM, Prof. Sreemoyee Ganguly, UEM, Dr. Amlan Dutta, IIT KGP

<https://meet.google.com/epq-perz-qmp>

Day 3: 30.07.2022 (Saturday)

02.30 PM – 05.30 PM

- **Contributory Session – 4**

Topics: Magnetism and Spintronics

Session chairs: Dr. Praveen Kumar, IACS, Dr. Sudipta Bandyopadhyay, University of Calcutta, Dr. Braj Bhusan Singh, HBTU

<https://meet.google.com/kcb-fxmd-ipg>

- **Contributory Session – 5**

Topics: Nano Materials, Graphene and other 2D Materials

Session chairs: Dr. Partha Mahata, Jadavpur University, Dr. Subhamoy Banerjee, IEM, Dr. Arnab Basu, IEM

<https://meet.google.com/epq-perz-qmp>