

Program Schedule

International Conference on Multifunctional Nanomaterials (ICMN2020)

December 28-30, 2020

Manipal University Jaipur (MUJ), Jaipur, Rajasthan, India

Day 1: December 28, 2020 (Monday)

Inauguration

Inaugural Session ICMN 2020	Time (IST: Indian Standard Time)	Speaker	Event
	09:00 AM -09:03 AM	Dr. Ashima Bagaria, Head, Department of Physics, MUJ	From Convener's Desk
	09:03 AM -09:06 AM	Prof. Lalita Ledwani, Director, School of Basic Sciences	About School of Basic Science, MUJ
	09:06 AM -09:09 AM	Prof. A. K. Mukhopadhyay, Dean, Faculty of science	About Faculty of Science, MUJ
	09:09 AM -09:12 AM	Prof. H. R. Kamath, Registrar, MUJ	Registrar's Address
	09:12 AM -09:20 AM	Prof. N. N. Sharma, Pro-President, MUJ	Pro-president's Address
	09:20 AM -09:30 AM	Prof. G. K. Prabhu, President, MUJ	President's Address
	09:30 AM-09:35 AM	Prof. R. D. K Misra, University of Texas, El Paso, USA, (Plenary Speaker)	Congratulatory Remark
	09:35 AM -10:15 AM	Prof. Ashutosh Sharma, Secretary, Department of Science and Technology, Govt. of India	Chief-Guest's Address Topic: Self-organization on Nano Scales: Navigating Complexity by Common Sense

	10:15 AM -10:17 AM	Dr. Kamakhya P. Misra, Convener ICMN2020	Vote of Thanks
10:17 AM - 10:30 AM (Break)			
Technical Sessions			
	Time (IST: Indian Standard Time)	Speaker	Title of the Talk
Session Chair: Prof. Jamil Akhtar Director SEEC, MUJ			
Plenary Talk	10:30 AM – 11:15 AM	Prof. R.D.K. Misra, University of Texas, USA	Multifunctional Magnetic Nanocarrier for Targeted Drug Delivery
Session 1	Session Chair: Prof. Anoop K. Mukhopadhyay, Co-chair: Dr. K. P. Misra		
<i>Invited Talk 1</i>	11:30 AM – 12:05 PM	Prof. Shankar Ghosh (Tata Institute of Fundamental Research, Mumbai, India)	Molding 3D Curved Structures by Selective Heating
<i>Invited Talk 2</i>	12:05 PM – 12:40 PM	Dr. Sunita Srivastava (Indian Institute of Technology, Bombay, India)	Evaporative Self-Assembly of Anisotropic Nanoparticles
12:40 PM – 02:00 PM (Lunch Break)			
Session 2	Session Chair: Prof. Lalita Ledwani, Co-chair: Dr. Saikat Chattopadhyay		
<i>Invited Talk 1</i>	02:00 PM – 02:35 PM	Dr. Phylis Makurunje (Bangor University, UK)	Boron nitride nanostructures and the protection of carbon fibres from high temperature oxidation
<i>Invited Talk 2</i>	02:35 PM– 03:10 PM	Prof. M. Somani (University of Oulu, Finland)	Scientific Advances in Design and Processing of Novel Ultrahigh Strength Steels for Arctic Applications
<i>Invited Talk 3</i>	03:10 PM– 03:45 PM	Dr. Ajay Soni (IIT Mandi, India)	Light Matter Interactions in Metal Chalcogenides and Technological Applications

<i>Invited Talk 4</i>	03:45 PM– 04:20 PM	Prof. Anchal Srivastava (University of Lucknow, India)	Band gap and Photoluminescence in metal doped ZnO films and nanostructures
04:20 PM- 04:30 PM (Break)			
04:30 PM– 07:30 PM Oral Presentations			
Day 2: December 29, 2020 (Tuesday)			
Session1	Session Chair: Dr. Mahesh Kumar, Co-chair: Dr. Ashima Bagaria		
<i>Keynote Speech</i>	09:00 AM– 09:45 AM	Prof. Kumar Sridharan (University of Wisconsin, Madison, USA)	Nanostructured Materials for Aggressive Environments
<i>Invited Talk 1</i>	09:45 AM– 10:20 AM	Dr. Pankaj Misra (Scientist, Raja Ramanna Centre for Advanced Technology, India)	MgxZn1-xO thin film: A promising material for UV photodetectors
<i>Invited Talk 2</i>	10:20 AM– 10:55 AM	Dr. Akhilesh Pandey (Scientist, Solid-State Physics Laboratory (SSPL), DRDO, India)	III-Nitride nanostructured multilayer heterostructure and oxygen ion implantation induced effects in GaN epilayer
11:00 AM– 01:00 PM Oral Presentation			
01:00 PM– 02:00 PM (Lunch Break)			
Session2	Session Chair: Prof. Anchal Srivastava, Co-chair: Dr. Anupam Sharma		
<i>Invited Talk 1</i>	02:00 PM– 02:35 PM	Prof. Xing Zhang (Institute for Metals Research, Shenyang, China)	Nano-size Biofunctional Beta-Tricalcium Phosphate Materials as Bone Graft Substitutes
<i>Invited Talk 2</i>	02:35 PM– 03:10 PM	Prof. Yogendra Kumar Misra (University of Southern Denmark, Denmark)	3D Tetrapod based Smart Materials for Advanced Technologies
<i>Invited Talk 3</i>	03:10 PM– 03:45 PM	Dr. Dharmendra Pratap Singh (Université du Littoral Côte d'Opale, France)	Triphenylene core-based discotic matrix: Influence of the nano-structured dopant on the mesogenic and charge transport properties
03:45 PM– 04:00 PM (Break)			

04:00 PM– 07:30 PM Oral Presentations			
Day 3: December 30, 2020 (Wednesday)			
Session 1	Session Chair: Dr. Pankaj Misra, Co-chair: Dr. Nilanjan Halder		
<i>Keynote Speech</i>	09:00 AM– 09:45 AM	Dr. Mahesh Kumar (Indian Institute of Technology, Jodhpur, India)	Mercury Ion Detection using AgNWs-MoS₂ Nanocomposite on GaN HEMT for Smart Water Quality Analysis
<i>Invited Talk 1</i>	09:45 AM– 10:20 AM	Prof. R. K. Shukla (University of Lucknow, India)	Properties of a Conducting Polyaniline and its Applications as a humidity sensor
<i>Invited Talk 2</i>	10:20 AM– 10:55 AM	Dr. Ashim Kr. Pramanik, (Jawaharlal Nehru University, New Delhi)	To-be-announced soon
<i>Invited Talk 3</i>	10:55 AM– 11:30 AM	Hossein Ajamein (Modern Ceramic Materials Institute, Yazd, Iran)	Functionalized CuO-ZnO nanomaterials for catalytic applications
11:30 AM– 01:30 PM Oral Presentations			
01:30 PM– 02:00 PM (Lunch Break)			
Session 2	Session Chair: Dr. Nilanjan Halder, Co-chair: Dr. Reenu Gill		
02:00 PM– 04:30 PM Oral Presentations			
04:30 PM– 05:00 PM Valedictory Function			