

32nd ANNUAL GENERAL MEETING OF MRSI & 3rd INDIAN MATERIALS CONCLAVE

Organized by Indian Institute of Technology (IIT) Madras during 20-23, December, 2021

MORNING SESSIONS

Day 1 20.12.2021 (Monday)	09:00 am - 09:30 am <i>Inauguration</i>	9:30 am - 10:30 am <i>International Medal for Materials Science and Technology Award</i> Prof. S. Sampath Materials for Electrochemical (Energy) Systems: Nanostructured Nitrides, Carbides and Chalcogenides	10:30 am - 11:15 am <i>Distinguished Lecturership Award</i> Prof. S.M. Yusuf Probing Quantum Magnetism and Magnetization Reversal Phenomenon	11:15 am - 11:30 am	11:30 am - 12:30 pm <i>CNR RAO Prize Lecture</i> Prof. S.B. Ogale Organic-Inorganic Hybrid and Halide Perovskites: A New Breed of Exciting Advanced Functional Materials	12:30 pm - 1:00 pm <i>Medal Lecture - 1</i> Prof. Rajadurai Chandrasekar A Roadmap to All-Organic Photonic Integrated Circuits from Nano/Micro Organic Solids
Day 2 21.12.2021 (Tuesday)	09:15 am - 10:00 am <i>Distinguished Materials Scientist of the Year Award</i> Prof. Ashok Ganguli Designing new materials with diversity in structures and properties: Nanostructured materials for photoelectrochemical applications and Metal chalcogenides showing superconductivity	10:00 am -10:30 am <i>Medal Lecture - 2</i> Prof. V. Kanchana Layered chalcogenides: Potential Thermoelectric materials	10:30 am - 11:00 am <i>Medal Lecture - 3</i> Dr. Kamalakannan Kailasam Solar Fuels from Natural Sunlight: Realising Ciamician's Dream	11:00 am - 11:30 am	11:30 am - 12:00 pm <i>Medal Lecture - 4</i> Dr. E. Balaraman N-graphitic modified metal-nanoparticles supported on graphene for dehydrogenation and related reactions	12:00 pm – 12:45 pm <i>MRSI Materials Science Annual Prize - 1</i> Dr. B.B. Kale Unique Nanostructures and Quantum dot -glasses for Hydrogen Generation under Natural Sunlight

<p>Day 3 22.12.2021 (Wednesday)</p>	<p>09:00 am - 09:45 am</p> <p><i>MRSI Materials Science Annual Prize-2</i> Prof. Ranjan Mittal</p> <p>Alkali Ion Dynamics in Solid Ionic conductors</p>	<p>09:45 am - 10:30 am</p> <p><i>MRSI Materials Science Annual Prize – 3</i> Prof. Vanchiappan Aravindan</p> <p>Recycling spent Li-ion Batteries</p>	<p>10:30 am - 11:00 am</p> <p><i>Medal Lecture - 5</i> Dr. Praveen Kumar</p> <p>Hybrid 2D-Material's heterostructures for green H₂ generation</p>		<p>11:30 am - 12:00 pm</p> <p><i>Medal Lecture - 6</i> Prof. Praveen C. Ramamurthy</p> <p>Molecules to devices: Organic sensors</p>	<p>12:00 pm - 12:30 pm</p> <p><i>Medal Lecture- 7</i> Prof. P.N. Santhosh</p> <p>Magnetic and structural studies in complex oxide materials</p>
<p>Day 4 23.12.2021 (Thursday)</p>	<p>09:00 am - 09:30 am</p> <p><i>Medal Lecture - 8</i> Dr. Shaikh M. Mobin</p> <p>One-Step Sustainable Graphene Production for Multifunctional Applications</p>	<p>09:30 am - 10:00 am</p> <p><i>Medal Lecture - 9</i> Dr. Sumantra Mondal</p> <p>Enhancing corrosion resistance in complex multicomponent alloy systems through microstructural control</p>	<p>10:00 am - 10:30 am</p> <p><i>Medal Lecture - 10</i> Dr. Vasant Sathe</p> <p>Femtometer Scale displacement probed in single crystals using polarized Raman spectroscopy: Invention of a new protocol</p>	<p>10:30 am - 11:00 am</p> <p>Student Project Talks: Anil Chamuah and Vimlesh Gupta</p>	<p>11.30 am - 1.00 pm</p> <p><i>GC Jain Lectures:</i> Dr. Shreya Sarkar, Dr. Navakoteswara Rao, Dr. Akshay Modi, Dr. Gitashree Darabdhara, Dr. Sucheta Mondal, Dr. Seemesh Bhaskar</p>	

MRSI Conclave-2021 will be held on Virtual mode using FLOOR platform.

Our Volunteers will get it touch with you after registering you on the FLOOR platform.

You need to login (either on the 17th or 18th December) to see how the Virtual platform works.

All the very best for your Medal Lectures.

Wishes

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