

Japan-India Material Science School for Young Scientists 2025

Date: November 17-19, 2025

Venue: Institute for Materials Research, Tohoku University and Online Hybrid

Program

November 17		
10:00-10:30	Onsite attendant Gathering Welcome and guidance Chair Nojiri	
10:30-11:30	Exchange 1 Chair Nojiri	Short Presentation by Onsite Attendants
11:30-13:00	Break	
13:00-14:00	Lecture 1 Chair Fujiwara	Prof. Mukannan Arivanandhan, Anna University <i>Thermoelectric Materials: From Fundamentals to Future Applications"</i>
14:00-14:30	Break	
14:30-15:30	Lecture 2 Chair Umetsu	Assoc. Prof. Kaustuv Manna, IIT- Delhi <i>Topology in Magnetism and Transport</i>
15:30-16:00	Break	
16:00-16:30	Exchange 2 Chair Nojiri	Dr. Kushwaha Varun Kumar, IMR <i>My Research life in Japan and IMR</i>
16:30-17:00	Free Discussion	

November 18		
9:30-10:30	Laboratory Visit Chair Nojiri	High Magnetic Field Laboratory for Superconducting Materials
10:30-11:00	Break	
11:00-12:00	Lecture 3 Chair Fujiwara	Prof. Masashi Watanabe, Tohoku University <i>Tunneling Electron Microscope for Materials Science</i>
12:00-13:30	Break	
13:30-14:30	Lecture 4 Chair Chatterjee	Prof. Ashok Kumar Ganguli, IIT- Delhi <i>Material Synthesis for Strongly Correlated Electron and 2D Materials,</i>
14:30-15:00	Break	
15:00-16:00	Lecture 5	Assoc. Prof. Kei Kamada, Tohoku University <i>Physics and Chemistry of Scintillators</i>
16:00-17:30	Free Discussion	
17:30-19:00	Mixer	

November 19		
9:30-10:15	Laboratory Visit Chair Umetsu	Cooperative Research and Development Center for Advanced Materials
10:30-11:30	Lecture 6 Chair Umetsu	Assoc. Prof. Seigo Soma, Tohoku University <i>Synchrotron radiation for Materials Science</i>
11:30-11:45	Closing	
11:45-12:50	Break	
12:50-15:00	Laboratory Visit	Nano Terasu Laboratory Tour