

	December 02, 2021, Thursday					December 03, 2021, Friday				December 04, 2021, Saturday		
Indian Standard Time (IST)	Parallel 1: Advanced Materials and Characterization	Parallel 2: Mechanical behavior of materials	Parallel 3: Mechanical Engineering	Indian Standard Time (IST)	Parallel 1: Advanced Materials and Characterization	Parallel 2: Mechanical behavior of materials	Parallel 3: Crystal Engineering	Indian Standard Time (IST)	Parallel 1: Advanced Materials and Characterization	Parallel 2: Mechanical behavior of materials	Parallel 3: Mechanical Engineering	
	Link 1	Link 2	Link 3		Link 1	Link 2	LINK 3 Coordinators: Dr. Soumyajit Ghosh and Dr. Palash Sanphui, SRMIST		Link 1	Link 2	Link 3	
Conference Inauguration [Link 1] 08:30 hrs : Conference Starts 08:35 - 08:50 hrs: Welcome Address 08:50 - 09-10 hrs : Inaugural address Session 1.1 - Chair:				09:00 – 09:45 hrs:	Session 2.1 – Chair: Keynote 5: Prof. Ju Li , MIT, USA Topic: Li-Metal Batteries		09:00 – 09:10 hrs: Prof. Gautam R Desiraju [Inaugural Address]	09:00 – 09:45 hrs:	Session 3.1 – Chair Keynote 10: Prof. Jim Williams, Australian National University Topic: In-situ electromechanical characterization: from the development of the nanoECR instrument to applications			
							09:15 – 09:45 hrs Prof. C. C. Sun Univ. Minnesota, USA	09:50 – 10:35 hrs:				Keynote 11: Prof. Sang-Woo Kim, Sungkyunkwan University, Korea Topic:
09:15 – 10:00 hrs:	Keynote 1: Prof. Christopher Schuh, MIT, USA Topic:			09:50 – 10:35 hrs:	Keynote 6: Prof. U. Ramamurty, NTU Singapore Topic:		09:50 – 10:20 hrs Prof. C. Malla Reddy IISER Kolkata					
10: 05 – 10:50 hrs:	Keynote 2: Prof. Jun Lou, Rice University, USA Topic: 2D Materials			10: 45 – 11:15 hrs:	Co-Chair:	Prof. Kai Chen Xian Jiaotong University, China	10:25 – 10:55 Two Contributory Talks by PhD students/postdocs Each 15 mins	10: 45 – 11:15 hrs:	Co-Chair:	Dr. Syed S.A. Asif Industron Nanotechnology, USA	Co-Chair: Prof. Glenn Daehn, Ohio State University, USA	
					Dr. Christopher Shuck Drexel University, USA							
11:00 – 11:30 hrs:	Co-Chair: Prof. Arindam Ghosh Indian Institute of Science	Prof. Vikram Jayaram Indian Institute of Science	Co-Chair: Prof. Binil Starly NC State University, USA	11:20 – 11:50 hrs:	Dr. Sanjit Bhowmick Bruker Nanosurfaces, USA	Dr. Alexy Useinov TISNCM, Russia	11:00 – 11:30 hrs Prof. Rahul Banerjee IISER Kolkaka	11:20 - 11:50 hrs:	Prof. Kantesh Balani IIT Kanpur, India	Dr. Douglas Stauffer Bruker Nanosurfaces and Metrology, USA	Dr. Debasis Chaira, NIT Rourkela	
11:35 - 12:05 hrs:	Prof. Mandar Deshmukh TIFR Bombay, India	Prof. Alfonso Ngan University of Hong Kong	Dr. Mamilla Ravi Sankar IIT Tirupati	12:00 - 12:30 hrs:	Prof. Tata Narasinga Rao, ARC International, Hyderabad	Prof. Wei Zhang Xian Jiaotong University, China	11:35 – 12: 05 hrs Prof. Kumar Biradha IIT Kharagpur	12:00 - 12:30 hrs:	Prof. Debrupa Lahiri IIT Roorkee, India	Prof. Prita Pant IIT Bombay	Dr. Sudip Kumar, NIT Raipur	
12:10 – 12:40 hrs:	Dr. Andres Castellanos-Gomez Instituto de Ciencia de Materiales de Madrid, Spain	Prof. In-Suk Choi Seoul National University	Dr. Dipak Maity Institute of Chemical Technology, BBSR				12:10 – 12:40 hrs Prof. Kana M Sureshan IISER Thiruvananthapuram					
12:45 – 13:15 hrs:	Contributory Talk (C1)	C4	C7	12:35 – 13:20 hrs:	Keynote 7: Prof. R. Narasimhan, IISc Bangalore Topic: Role of Tensile Twinning on Fracture Behavior of Magnesium		12:45 -13:15 hrs Prof. Wei Li Nankai University	12:35 - 13:05 hrs:	Prof. Nilesh Gurao IIT Kanpur	Dr. Krishna Jonnalagadda IIT Bombay	Dr. Manas Das, IIT Guwahati	
	C2	C5	C8									
Session 1.2 - Chair:				Session 2.2 - Chair:				Session 3.2 – Chair:				
14:00 - 14:45 hrs:	Keynote 3: Prof. T. Pradeep, IIT Madras, India Topic:			14:00 – 14:45 hrs:	Keynote 8: Prof. Dierk Raabe, Germany Topic: Sustainable metallurgy : The role of microstructure in the hydrogen-based reduction of iron oxides		14:00 – 14:30 hrs Prof. Deepak Chopra IISER Bhopal	14:00 - 14:45 hrs:	Keynote 12: Prof. Patrick Theato, Germany Topic:			
14:50 – 15:20 hrs:	Co-Chair:	Prof. Christian Hellmich TU-Wien – Vienna, Austria	Co-Chair:	14:50 – 15:20 hrs:	Co-Chair:	Prof. Tan Xipeng NUS, Singapore	14:35 - 15:05 hrs Dr. Sarah Guerin University of Limerick	14:50 - 15:20 hrs:	Co-Chair:	Dr. Frantisek Lofaz IMR SAS, Slovakia	Co-Chair:	
	Prof. Hannah Joyce Cambridge University		Dr. Aniruddha Moitra IGCAR, India		Dr. Siva Krishna Karuturi Australian National University		15:10 – 15:40 hrs Prof. Venu Vangala University of Bradford		Prof. Koteswara Rao Rajulapati University of Hyderabad		C12	
15:25 – 15:55 hrs:	Dr. Radha Boya University of Manchester	Prof. Karsten Durst Technische Universität Darmstadt	Prof. Debdulal Das IEST, India	15:25 – 15:55 hrs:	Prof. Vishwanath Balakrishnan IIT Mandi	Prof. Fabien Volpi Université Grenoble-Alpes, France	15:45 - 16:15 hrs Dr. Sunil Varughese NIIST, Thiruvananthapuram	15:25 - 15:55 hrs:	Dr. Kesavan Ravi IIM Dhanbad, India	Dr. Han Weizhong Xian Jiaotong University, China	C14	
16:00 – 16:30 hrs:	Dr. Aditya Sadhanala CeNSE, Indian Institute of Science	Dr. Daniel Kiener Montanuniversität Leoben, Austria	Dr. Amaritendu Roy, IIT Bhubaneswar	16:00 – 16:30 hrs:	Prof. M. Ghanashyam Krishna University of Hyderabad	Dr. Long Zhang Institute of Materials Research, China	16:20 – 16:50 hrs Dr. Manish Mishra VIT, Vellore	16:00 - 16:45 hrs:	Keynote 13: Prof. Alexander Korsunsky, Oxford University Topic:			
16:35 – 16:50 hrs:	C3	C6	C9	16:35 - 16:50 hrs:	C10	C11	16:55 – 17:25 hrs Dr. Tejender Thakur CSIR-Central Drug Research Institute					
17:00 - 17:45 hrs:	Keynote 4: Prof. Markus Buehler, MIT, USA Topic:			17: 00 – 17:45 hrs	Keynote 9: Prof. Nitin P Padture, Brown University, USA Topic:			17: 00 – 17:45 hrs	Keynote 14: Prof. Chen Xiaodong, NTU, Singapore Topic:			
18: 15 – 19:30 hrs:	Chair: POSTER SESSION (Through Slack)			18: 15 – 19:30 hrs:	Chair: POSTER SESSION (Through Slack)			17:50 hrs	Chair: Closing session [Link1]			