

Materials Science and Engineering

March 11-13, 2025 | Singapore

Day 1 (March 11, 2025)	
08:00 - 08:30	Registrations
08:30 - 09:00	Opening Ceremony
09:00-10:00	Title: Perovskite – a wonder material for solar cells
	Shengzhong (Frank) Liu, Chinese Academy of Sciences, China
10:00-11:00	Title: Thermomechanical Processes and Transformations in Shape Memory Alloys
	Osman Adiguzel, Firat University, Turkey
11:00-12:00	Title: To be Updated
	Neal Tai-Shung Chung, National University of Singapore, Singapore
12:00-13:00	Title: Symbiosis Between Bio-Nano-Materials & Green Energy
	Janusz A. Kozinski, Lakehead University, Canada
13:00-14:00	LUNCH
14:00-14:30	Title: To be Updated
	TU King Ning, City University of Hong Kong, Hong Kong
14:30-15:00	Title: Basic research and clinical translation of structural and functional reconstruction of the knee meniscus
	Jia-Kuo Yu, Tsinghua University, China
15:00-16:00	Title: To be updated
	Hans Jurgen Federsel, RISE Research Institutes of Sweden, Sweden
16:00-16:30	Title: To be Updated
	Su Su Wang, University of Houston, USA
16:30-17:00	Title: Experimental Investigation on Solvent Degradation and Loss Aspects of Sono Exposed Aqueous 20wt% Piperazine in CO ₂ Capture Process
	Ambedkar Balraj, Sri Sivasubramaniya Nadar College of Engineering, India
17:00-17:20	Title: To be Updated
	Chuanyi Wang, Shaanxi University of Science & Technology, China
17:20-17:40	Title: The construction of hydrophobic graphene-based acrylic-epoxy coatings to enhance the corrosion protection performance on steel substrates
	Sachin Sharma Ashok Kumar, Taylor's University, Malaysia
17:40-18:00	Title: To be Updated
	Doug Sparks, M2N Technologies LLC, United States
18:00-18:20	Title: PDMS Nanoparticles mediated siRNA delivery for breast cancer therapy
	Sneha Singh, Indian Institute of Technology, India
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