



Day 2 — July 24, 2026 (Virtual Session)

3rd Global Summit on Materials Science and Engineering

 Virtual Session - CET

TIME	PRESENTATION TITLE
09:00 - 09:20	Probing non-covalent interactions within π-π stacking assembly by EPR Spectroscopy <i>Dr. Baode Zhang, Liaoning Petrochemical University, China</i>
09:20 - 09:40	A robust DNA walker for simplified, rapid and sensitive detection of HBV DNA in blood donors <i>Dr. Rongji Lai, Nanning Blood Center, China</i>
09:40 - 10:10	Chemical Kinetics as Projection Dynamics: Reaction Rates, Barriers and Non-Arrhenius Behaviour <i>Dr. Abhishek Bansal, New Era Consultancy Services, India</i>
10:10 - 10:30	First-principles theoretical study of adsorption properties of heavy and superheavy elements and their compounds on selected surfaces <i>Prof. Miroslav Iliáš, Joint Institute for Nuclear Research, Russia</i>
10:30 - 10:50	Evolution stages of periodic relief on the silicon surface under ion irradiation <i>Miss. Mariia Smirnova, Valiev IPT of NRC Kurchatov Institute, Russia</i>
10:50 - 11:10	Cell Membrane Cholesterol and Diseases Associated with Its Deficiency <i>Dr. Antonina Dunina-Barkovskaya, Moscow Lomonosov State University, Russia</i>
11:10 - 11:30	A robust DNA walker for simplified, rapid and sensitive detection of HBV DNA in blood donors <i>Prof. Hayk Minassian, A. Alikhanian National Science Laboratory, Armenia</i>
11:30 - 11:50	Conjugated Poly-Metalla-Ynes for Opto-Electronic Applications <i>Dr. Rayya Al Balushi, A'Sharqiyah University, Oman</i>
11:50 - 12:10	Simulation-based prediction of fiber orientation in highly filled thermoset materials based on process-relevant rheological data <i>Dr. Uta Rösel, Institute of Polymer Technology, Friedrich-Alexander-Universität Erlangen-Nuremberg, Germany</i>

TIME	PRESENTATION TITLE
12:10 - 12:30	Recycling Biowaste and Residuals into Chemical Products <i>Dr. Manfred Kircher, KADIB, Germany</i>
12:30 - 12:50	Interfaces in liquid steel processing and related effects <i>Prof. Piotr R. Scheller, TU Bergakademie Freiberg, Germany</i>
12:50 - 13:10	Accelerated creep/fatigue characteristics estimation using DIC <i>Mr. Radim Halama, Technical University of Ostrava, Czech Republic</i>
13:10 - 13:30	TBA <i>Dr. Krisna Prak, Imperial College London, UK</i>
13:30 - 13:50	Photobiomodulation with LED Does Not Alter Antibiotic Sensitivity in ATCC and Burn-Patient Bacteria <i>Dr. Flávia Assunção, University of São Paulo, Brazil</i>
13:50 - 14:10	Maillard Induced Pea Protein-Polysaccharide Conjugates: A Functionally Enhanced Ingredient for the Food and Beverage Industry <i>Prof. Takuji Tanaka, University of Saskatchewan, Canada</i>
14:10 - 14:30	TBA <i>Dr. Stewart P. Lewis, Pyramid Polymers LLC, USA</i>
 <i>Virtual speaking slots available — Submit your abstract ASAP</i>	
 This is a tentative program. Subject to changes.	