



Day 1 — July 23, 2026

3rd Global Summit on Materials Science and Engineering

 **Venue: Rainer's Hotel Vienna**

TIME	PRESENTATION TITLE
08:00 - 09:00	Registrations & Opening Remarks
Plenary Talks	
09:00 - 09:30	Metal catalyzed water oxidation is a key step in artificial photosynthesis <i>Prof. Abul Kasem Fazlur Rahman, Oklahoma School of Science and Mathematics, USA</i>
09:30 - 10:00	TBA
10:00 - 10:30	Networking Break + Group Photo
Keynote Talks	
10:30 - 11:00	Synthesis of a Cobalt Cube: A Potential Catalyst for Water Oxidation <i>Prof. Abul Kasem Fazlur Rahman, Oklahoma School of Science and Mathematics, USA</i>
11:00 - 11:30	Flexible Porous Organic Polymers with Well-Defined Structures via Bottom-up Strategy for Precious Metal Recovery and Gases Separations <i>Prof. Mu-Hua Huang, Beijing Institute of Technology, China</i>
11:30 - 13:00 Technical Session-I	
11:30 - 11:55	Automated thermal desorption-gas chromatography/mass spectrometry for rapid screening of hazardous chemicals in clothing and other textiles <i>Prof. Ulrika Nilsson, Stockholm University, Sweden</i>
11:55 - 12:20	Advanced Oxygen Carrier Materials for Clean H₂ Production and CO₂ Separation in Chemical Looping Processes <i>Dr. Julien Göthel, Rouge H2 Engineering AG, Germany</i>

TIME	PRESENTATION TITLE
12:20 - 12:45	Correlation between electrical conductivity and deformation of polymeric composites <i>Prof. Ivan Chodak, Polymer Institute SAS, Slovakia</i>
12:45 - 13:10	Engineering Nuclearity in Vanadium Assemblies: From metallocsupramolecular isomerism to Tunable Oxidation Catalysis <i>Dr. Visnja Vrdoljak, University of Zagreb, Croatia</i>
13:10 - 14:00	Lunch @ Restaurant
Technical Session-II	
14:00 - 14:25	Non-halogenated flame retardants for various applications in advanced materials <i>Dr. Katarzyna Zielińska, Institute of Heavy Organic Synthesis, Blachownia, Poland</i>
14:25 - 14:50	Performance of Carbon Fiber-Reinforced Date Palm Midrib Composites <i>Dr. Mohammad Hassan Mazaherifar, Transilvania University of Braşov, Romania</i>
14:50 - 15:15	Molecular Representation and Modeling of Renewable Diesel Processing with Canola Oil <i>Dr. Harry Z. Ha, Fluor Canada Ltd, Canada</i>
15:15 - 15:40	Towards a safe and sustainable recycling of elastane-containing textiles <i>Dr. Tim Åström, Stockholm University, Sweden</i>
15:40 - 16:10	Poster Presentations + Refreshment Break
Poster Session	
Poster - 1	Pd-Modified Porous Frameworks: Towards Selective and Efficient Gas Separation <i>Dr. Anna Król, Oil and Gas Institute, Poland</i>
Poster - 2	Structural and morphological tuning of CuO thin films for enhanced ethanol gas sensing <i>Mr. Leonardo Andres Vergara, UTFSM, Chile</i>
Poster - 3	Spintronic potential of Co/Cr ₂ O ₃ interfaces: oxidation and exchange bias effects <i>Mr. Fernando Alvarez Asencio, UTFSM, Chile</i>

TIME	PRESENTATION TITLE
Poster - 4	<p data-bbox="479 105 2092 178">Electrolytic Recovery of Indium from Copper Indium Gallium Selenide Photovoltaic Panels: Preliminary Investigation of Process Parameters</p> <p data-bbox="479 197 1003 226"><i>Dr. Monika Gajec, Oil and Gas Institute, Poland</i></p>
<p data-bbox="479 268 1240 300"> <i>Poster slots available — Submit your abstract to participate</i></p>	
<p data-bbox="479 351 770 379">Session Continues</p>	
16:10 - 16:35	<p data-bbox="479 427 1742 459">Towards Standard-free Quantitative Profiling of RNA Modifications Using Mass Spectrometry</p> <p data-bbox="479 475 1267 504"><i>Prof. Norman H. L. Chiu, University of North Carolina Greensboro, USA</i></p>
16:35 - 17:00	<p data-bbox="479 549 537 577">TBA</p> <p data-bbox="479 596 1070 625"><i>Mr. Ernest Ewert, Adam Mickiewicz University, Poland</i></p>
17:00 - 17:25	<p data-bbox="479 663 1491 695">Microbial reduction of selenite with the formation of Se(0) nano-structures</p> <p data-bbox="479 711 1774 740"><i>Prof. Alexander A. Kamnev, Saratov Federal Scientific Centre of the Russian Academy of Sciences, Russian Federation</i></p>
<p data-bbox="479 785 1263 817"> <i>Speaker slots available — Submit your abstract to participate</i></p>	