

# Day 2 — July 24, 2026 (In-Person)

3rd Global Summit on Materials Science and Engineering

 **Venue: Rainer's Hotel Vienna**

TIME	PRESENTATION TITLE
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## Keynote Talks

**09:00 - 09:30**

**Chamaeleon Nanocarriers for RNA Delivery and Genome Editing**

*Prof. Ernst Wagner, Ludwig-Maximilians-Universität, Germany*

**09:30 - 10:00**

**Metal catalyzed water oxidation is a key step in artificial photosynthesis**

*Prof. Bin Fei, Hong Kong Polytechnic University, Hong Kong*

**10:00 - 10:30**

**Networking Break**

**10:30 - 13:00**

**Technical Session-III**

**10:30 - 10:55**

**Plants as Living Sensors and Power Sources: Revealing Nature's Hidden Transducers**

*Prof. Carlo Trigona, University of Catania, Italy*

**10:55 - 11:20**

**Analysis of a Supersonic Nozzle System Effect in Gas-Cooled Lances on Slag Splashing Parameters**

*Dr. Pedro Silva, Lumar Metals, Austria*

**11:20 - 11:45**

**Seeing the Unseen: Decoding Atomic Adsorption, Nucleation, and Electronic Structure with Functionalized Scanning Probe Microscopy**


*Prof. Nan Yao, Princeton University, USA*

**11:45 - 12:10**


**Design Strategies for Doping Metal Oxide Nanomaterials for Enhanced Photocatalytic Performance**

*Dr. N. Funda Ak Azem, Dokuz Eylül Universit, Turkey*

**12:10 - 12:35**


 Slot available — Submit your abstract

**12:35 - 13:00**

 Slot available — Submit your abstract

**13:00 - 14:00**

**Lunch @ Restaurant**

TIME	PRESENTATION TITLE
<b>Technical Session-IV</b>	
<b>14:00 - 14:25</b>	<p>TBA</p> <p><i>Dr. Fahimeh Zare, Instituto Superior Técnico, Portugal</i></p>
<b>14:25 - 14:50</b>	<p><b>Biomass as Both Feedstock and Functional Material for Hydrogen Production: A Dual Role in Sustainable Energy</b></p> <p><i>Prof. Nezihe Ayas, Eskisehir Technical University, Turkey</i></p>
<b>14:50 - 15:15</b>	<p><b>Turning Agricultural Waste into Functional Membranes: Banana Peel-Based Materials for Hydrogen Production via Alkaline Water Electrolysis</b></p> <p><i>Dr. Şehnaz Genc, Eskisehir Technical University, Turkey</i></p>
<b>15:15 - 15:40</b>	<p><b>Sorghum phenolics – extraction, profile, and role in inflammatory-related diseases</b></p> <p><i>Prof. Vermont P. Dia, The University of Tennessee, USA</i></p>
<b>15:40 - 16:10</b>	<b>Refreshment Break</b>
<p> <i>Still accepting abstracts — Submit your abstract ASAP</i></p>	