

**Day 1: July 23, 2026**

**08:00 - 09:00**

**Registrations**

**Opening Remarks**

**Keynote Presentations**

**09:00 - 09:30**

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

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

**09:30 - 10:00**

**Flexible Porous Organic Polymers with Well-Defined Structures via Bottom-up Strategy for Precious Metal Recovery and Gases Separations**

*Prof. Mu-Hua Huang, Beijing Institute of Technology, China*

**10:00 - 10:30**

*Networking Break + Group Photo*

**Technical Session-I (10:30 - 12:50)**

**10:30 - 10:55**

**Automated thermal desorption-gas chromatography/mass spectrometry for rapid screening of hazardous chemicals in clothing and other textiles**

*Prof. Ulrika Nilsson, Stockholm University, Sweden*

10:55 - 11:20	<b>Advanced Oxygen Carrier Materials for Clean H<sub>2</sub> Production and CO<sub>2</sub> Separation in Chemical Looping Processes</b>
	<i>Dr. Julien Göthel, Rouge H<sub>2</sub> Engineering AG, Germany</i>
11:20 - 11:45	<b>Non-halogenated flame retardants for various applications in advanced materials</b>
	<i>Dr. Katarzyna Zielińska, Institute of Heavy Organic Synthesis, Blachownia, Poland</i>
11:45 - 12:10	<b>Correlation between electrical conductivity and deformation of polymeric composites</b>
	<i>Prof. Ivan Chodak, Polymer Institute SAS, Slovakia</i>
12:10 - 12:35	<b>Engineering Nuclearity in Vanadium Assemblies: From metallosupramolecular isomerism to Tunable Oxidation Catalysis</b>
	<i>Dr. Visnja Vrdoljak, University of Zagreb, Croatia</i>
<b>12:35 - 12:50</b>	<b>Slot available</b>
<b>12:50 - 14:00</b>	<b>Lunch @ Restaurant</b>
<b>Technical Session-II</b>	
14:00 - 14:25	<b>3D Printing, Additive Manufacturing, and Industrial Applications</b>
	<i>Dr. Mohammed Qasim Kareem, Al-Qasim Green University, Hungary</i>
14:25 - 14:50	<b>Plants as Living Sensors and Power Sources: Revealing Nature's Hidden Transducers</b>
	<i>Prof. Carlo Trigona, University of Catania, Italy</i>

14:50 - 15:15	<b>Slot available</b>
15:15 - 15:40	<b>Slot available</b>
15:40 - 16:10	<b>Poster Presentations + Refreshment Break</b>
Poster - 1	<b>Pd-Modified Porous Frameworks: Towards Selective and Efficient Gas Separation</b>
	<i>Dr. Anna Król, Oil and Gas Institute, Poland</i>
Poster - 2	<b>Electrolytic Recovery of Indium from Copper Indium Gallium Selenide Photovoltaic Panels: Preliminary Investigation of Process Parameters</b>
	<i>Dr. Monika Gajec, Oil and Gas Institute, Poland</i>
Poster - 3	<b>Synergistic Role of Uranyl ions in Se(VI) Sorption during Fe(II)-mediated Transformation of Ferrihydrite Nanoparticles</b>
	<i>Miss. Snidgha Srabanee, Snidgha Srabanee, India</i>
Poster - 4	<b>Evaluation of the effects of adding ginger on the quality of cooked turkey sausages</b>
	<i>Dr. Moriken Sangare, ISSMV, Guinea</i>
Poster - 5	<b>Slot available</b>
Poster - 6	<b>Slot available</b>
Poster - 7	<b>Slot available</b>
Poster - 8	<b>Slot available</b>

Session Continues	
16:10 - 16:35	<b>Evaluation of the effects of adding ginger on the quality of cooked turkey sausages</b>
	<i>Dr. Natalia Chaves, University of Brasilia, Brazil</i>
16:35 - 17:00	<b>Micro/nanostructuring Strategies of Additively Manufactured 316L Stainless Steel for Enhanced and High-Performance Interfacial Transport</b>
	<i>Miss. Xinrui Wang, Nanyang technological university, Singapore</i>
17:00 - 17:25	<b>Slot available</b>
17:25 - 17:50	<b>Slot available</b>
Day 2: July 24, 2026	
Keynote Presentations	
09:00 - 09:30	<b>Simulation-based prediction of fiber orientation in highly filled thermoset materials based on process-relevant rheological data</b>
	<i>Dr. Uta Rösel, Institute of Polymer Technology, Friedrich-Alexander- Universität Erlangen-Nuremberg, Germany</i>
09:30 - 10:00	<b>Slot available</b>
10:00 - 10:30	<i>Networking Break</i>
Technical Session-III (10:30 - 12:50)	

10:30 - 10:50	<b>Probing non-covalent interactions within <math>\pi</math>-<math>\pi</math> stacking assembly by EPR Spectroscopy</b>
	<i>Dr. Baode Zhang, Liaoning Petrochemical University, China</i>
10:50 - 11:10	<b>Research of the physicochemical properties of biodiesel from grape seed oil as an alternative energy source</b>
	<i>Miss. Aisha Suleymanova, Institute of Bioresources, Azerbaijan</i>
11:10 - 11:30	<b>Revealing the quadrupole surface plasmon resonance in Ti3C2TX multilayered maxine</b>
	<i>Prof. Hayk Minassian, A. Alikhanian National Science Laboratory, Armenia</i>
11:30 - 11:50	<b>First-principles theoretical study of adsorption properties of heavy and superheavy elements and their compounds on selected surfaces</b>
	<i>Prof. Miroslav Iliaš, Joint Institute for Nuclear Research, Russia</i>
11:50 - 12:10	<b>Potential Application of core-shell SPIONs Nanoparticles and Cellulose Acetate Membranes in Synergistic Urea Removal from Dialysate</b>
	<i>Fahimeh Zare, Institute Superior Tecnico, Portugal</i>
12:10 - 12:30	<b>Accelerated creep/fatigue characteristics estimation using DIC</b>
	<i>Mr. Radim Halama, Technical University of Ostrava, Czech Republic</i>
12:30 - 12:50	<b>Slot available</b>
12:50 - 14:00	<b>Lunch</b>
<b>Technical Session-IV</b>	

14:00 - 14:20	<b>Recycling Biowaste and Residuals into Chemical Products</b>
	<i>Dr. Manfred-Kircher, KADIB, Germany</i>
14:20 - 14:40	<b>Interfaces in liquid steel processing and related effects</b>
	<i>Prof. Piotr. R. Scheller, TU Bergakademie Freiberg, Germany</i>
14:40 - 15:00	<b>Slot available</b>
15:00 - 15:20	<b>Slot available</b>
15:20 - 15:40	<b>Slot available</b>
15:40 - 16:00	<b>Slot available</b>
<b>16:00 - 16:20</b>	<i>Networking Break</i>
16:20 - 16:40	<b>Photobiomodulation with LED Does Not Alter Antibiotic Sensitivity in ATCC and Burn-Patient Bacteria</b>
	<i>Dr. Flávia Assunção, University of São Paulo, Brazil</i>
16:40 - 17:00	<b>Slot available</b>
<b>Conference Concludes</b>	
Note: This is a tentative agenda, subjected to changes	
To book your slot, please contact <a href="mailto:joseph-harris@urforum.org">joseph-harris@urforum.org</a>	