



*April 2-4, 2025*

University of East Sarajevo  
Faculty of Technology Zvornik

Bijeljina, Republic of Srpska, Bosnia and Herzegovina

## **CONGRESS PROGRAM**

### *Wednesday, April 2, 2025*

|               |   |
|---------------|---|
| 10:00 - 14:00 | REGISTRATION (Ethno-Village Stanišići, Hotel Ras)   |
| 14:00 - 14:30 | OPENING CEREMONY  |
|               | PLENARY LECTURE   |
| 14:30 - 15:05 | <i>Petros Samaras</i> – Valorization of biogas digestate through microalgae: a sustainable approach   |
| 15:05 – 15:30 | COFFEE BREAK  |
|               | PLENARY LECTURE   |
| 15:30 – 16:05 | <i>Nuno Gama</i> – Connecting Industry and Academia for a Sustainable Future  |
| 16:05-16:40   | PLENARY LECTURE - <i>Alexej Salimon</i> – Materials Performance Indices for Engineering Applications: multi-scale structuring and Emerging Hierarchical Materials |
| 16:40-17:15   | PLENARY LECTURE   |
|               | <i>Monica Magureanu</i> – Potential as water cleaning technology  |
| 17:30         | COCTAIL RECEPTION   |

### *Thursday, April 3, 2025*

|               |  |
|---------------|--|
| 09:30 - 10:05 | PLENARY LECTURE  |
|               | <i>Čedomir Beljić</i> – The new underground “green” mines, sustainable solution or utopia  |
|               | PLENARY LECTURE  |
| 10:05 - 10:40 | <i>Aleksandar Nikoloski</i> – The production of lithium from ores, brines, and end-of-life batteries considered from technological-ecological perspectives |
| 10:40 - 11:00 | COFFEE BREAK   |
|               | PLENARY LECTURE  |
| 11:00 - 11:35 | <i>Srećko Stopić</i> – Advances in understanding the use of basic operations in metallurgy for processing of bauxite residues                              |
| 11:35 – 11:55 | INVITED LECTURE  |
|               | <i>Nenad Crnomarković</i> – Methods of the zonal model application in numerical simulations  |
| 11:55 - 12:15 | INVITED LECTURE  |
|               | <i>Nikola Škoro</i> – Use of cold plasma for recovery of spent zeolite-based adsorbent   |
| 12:15 - 13:00 | SPONSOR PRESENTATION   |
| 13:00-14:30   | BREAK  |
| 14:30-16:30   | POSTER SESSION   |
| 19:30         | GALA DINNER  |

*Friday, April 4, 2025*

**10:00 - 10:35**

**PLENARY LECTURE**

*Stevan Armaković* – Frontiers in atomistic calculations: advances and applications in materials science

**10:35 - 11:10**

**PLENARY LECTURE**

*Antun Jozinović* – Challenges in the production and application of biopolymers as packaging materials

**11:30**

**CLOSING CEREMONY**