





## UNIVERSITY OF BELGRADE TECHNICAL FACULTY IN BOR DEPARTMENT OF MINERAL AND RECYCLING TECHNOLOGIES

in cooperation with the

### CHAMBER OF COMMERCE AND INDUSTRY OF SERBIA

is organizing



# XVI INTERNATIONAL MINERAL PROCESSING & RECYCLING CONFERENCE

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

28-30 May 2025 Belgrade, Serbia



# XVI INTERNATIONAL MINERAL PROCESSING AND RECYCLING CONFERENCE - IMPRC 2025

The Organizing Committee invites all individuals (scientists, engineers, experts, and students) and companies working in the field of mineral processing, recycling, and sustainable development, to participate in the XVI International Mineral Processing and Recycling Conference IMPRC 2025. The main objective of the Conference is to bring together the scientists and experts in the field of primary and secondary raw materials processing, recycling and related areas to share the latest information and present their research results. The Conference is organized by the Technical Faculty in Bor, University of Belgrade, Serbia, and co-organized by the Chamber of Commerce and Industry of Serbia.

### TIME AND VENUE

IMPRC 2025 will be held from 28-30 May 2025 in Belgrade, at the Chamber of Commerce and Industry of Serbia, 13-15 Resavska Street, Belgrade, Serbia.

### **PLENARY SPEAKERS**



Prof Dr Corby G. Anderson Colorado School of Mines (USA) How the Rare Earths Became Lanthanides





Prof. Dr Junbeum KIM
University of Technology of Troyes (France)
Emerging Technologies and Emerging
Wastes: Challenges and Opportunities

Prof. Dr Srećko Stopić RWTH Aachen University (Germany) Recovery of valuable metals from bauxite

residues using decarbonated technologies





### **CONFERENCE TOPICS**

- · Material Analysis and Characterization
- · Comminution and Classification
- Physical Enrichment Gravity, Magnetic and Electrostatic Separation
- Flotation and Surface Chemistry Processes,
   Flotation reagents, Flotation technology
- · Leaching and Solutions Processing
- · Mineral Processing of Complex Ores
- · Coal Processing
- · Dewatering and Agglomeration
- · Sustainability in Mineral Processing
- · Decarbonisation Technologies in Mineral Processing
- · Critical Mineral Raw Materials
- · Waste Generation and Analysis
- · Recycling and Utilization of Industrial Wast

- · Recycling of Bio-waste
- Treatment of Waste (mechanical, biological, chemical, thermal, other)
- · Environmental Engineering
- · Waste and Resource Management
- · Renewable Energies
- · Energy Efficiency and Sustainable Development
- · Plant and Process Design
- · Simulation, Modeling and Process Control
- · Circular Economy
- Legislation Aspects on Mineral Processing, Environmental Protection and Waste Management
- Education in Mineral Processing, Recycling, Environmental Protection and Other Related Areas
- Other Subjects Regarding Mineral Processing and Recycling

### **CONFERENCE FEES**

|  | Before 31 October 2024 | After 31 October 2024 |
|--|------------------------|-----------------------|
| Authors – presenters                       | 250€                   | 300 €                 |
| Accompanying person                        | 200 €                  | 250 €                 |
| PhD and graduate students                  | 200 €                  | 250 €                 |
| Publication fee (without attendar          | nce) 150 €             | 150 €                 |
| 2 <sup>nd</sup> and every additional paper | 50€                    | 50€                   |

The fee includes participation in the Conference, the conference proceedings and other materials, a welcome cocktail, refreshments during breaks and a conference dinner. The fee for the accompanying person includes everything except the conference proceedings and other materials.

More about payment details can be found at the Conference website www.imprc.tfbor.bq.ac.rs

### REGISTRATION

Participants can register via an online form on the Conference website.

### **EXIBITION AND SPONSORSHIP**

An exhibition will be held during the Conference, providing a good opportunity for companies involved in the topics of the Conference to present their products and services. The exhibition will be open for the entire duration of the Conference.

The exhibition fee of **500** € for two delegates includes an exhibition stand and the possibility to distribute brochures, catalogs or other promotional material to the conference participants, as well as the regular conference fee. The additional fee for other delegates is **200** € per person. Further information will be sent to interested companies.

Companies wishing to contribute to the Conference through sponsorship will be given various opportunities to market their services and products via our website and all printed materials, as well as in person, at the Conference Exhibition.

| Platinum sponsor: | > 3000 € | 8 delegates |
|-------------------|----------|-------------|
| Gold sponsor:     | > 2000 € | 6 delegates |
| Silver sponsor:   | > 1000 € | 4 delegates |
| Silver sponsor:   | > 1000 € | 4 delegates |









# NITERATIONAL INVESTIGATION OF STREET

### SCIENTIFIC COMMITTEE

Prof. Dr Milan Trumić, University of Belgrade, Technical faculty in Bor (Serbia) President

Prof. Dr Grozdanka Bogdanović, University of Belgrade, Technical faculty in Bor (Serbia) Vice President

Prof. Dr Jovica Sokolović, University of Belgrade, Technical faculty in Bor (Serbia) Vice President

Prof. Dr Zoran Štirbanović, University of Belgrade, Technical faculty in Bor (Serbia) Vice President

Prof. Dr Corby Anderson, Colorado School of Mines (USA)

Prof. Dr Zhiyong Gao, Central South University (China)

Prof. Dr Pablo Brito-Parada, Imperial College London (United Kingdom)

**Prof. Dr Junbeum Kim**, University of Technology of Troyes (France)

Prof. Dr Srećko Stopić, RWTH Aachen University (Germany)

**Prof. Dr Lijie Guo**, Beijing General Research Institute of Mining and Metallurgy (China)

**Prof. Dr Mauricio Torem**, Pontifical Catholic University of Rio de Janeiro (Brazil)

**Prof. Dr Georgios Anastassakis**, National Technical University of Athens (Greece)

Prof. Dr Przemyslaw Kowalczuk, Norwegian University of Science and Technology (Norway)

**Prof. Dr Kerstin Forsberg**, KTH Royal Institute of Technology (Sweeden)

**Prof. Dr Alexandre Chagnes**, Université de Lorraine (France)

Prof. Dr Erin Bobicki, University of Alberta (Canada)

Prof. Dr Kazutoshi Haga, Akita University (Japan)

Prof. Dr Quentin Campbell, North-West University (South Africa)

**Dr Fardis Nakhaei**, Missouri University of Science and Technology (USA)

Dr Aleksandar Janković, Kresnik Pty Ltd (Australia)

**Prof. Dr Rraghupatruni Bhima Rao**, Aryan Institute of Engineering and Technology (India)

Prof. Dr Magdalena Regel-Rosocka, Poznan University of Technology (Poland)

Prof. Dr Juan M. Menéndez Aguado, University of Oviedo (Spain)

Prof. Dr Efrén Garcia Ordiales, University of Oviedo (Spain)

Prof. Dr Alejandro Rodriguez Pascual, University of Cordoba (Spain)

**Prof. Dr Antonis Peppas**, National Technical University of Athens (Greece)

**Prof. Dr Komnitsas Konstantinos**, Technical University of Crete (Greece)

**Prof. Dr Semra Kurama**, Eskisehir Technical University (Turkey)

**Prof. Dr Mehmet Polat**, Izmir Institute of Technology (Turkey)

Prof. Dr Valery Morozov, National University of Science and Technology MISiS (Russian Federation)

**Dr Kadriann Tamm**, Tallinn University of Technology (Estonia)

Prof. Dr Maria Sinche Gonzalez, University of Oulu (Finland)

Prof. Dr Sônia Denise Rocha, Federal University of Minas Gerais (Brazil)

Prof. Dr Rodrigo Souza, Pontifical Catholic University of Rio de Janeiro (Brazil)

Prof. Dr Frederico Margues Penha, KTH Royal Institute of Technology (Sweeden)

Prof. Dr Silvie Heviánková, VSB - Technical University of Ostrava (Czech Republic)

Dr Hector Muñiz Sierra, Institute of Chemical Process Fundamentals of the Czech Academy of

Sciences (Czech Republic)

Dr Slavomir Hredzak, Institute of Geotechnics of the Slovak Academy of Science (Slovakia)

**Dr Vladimir Joković**, University of Queensland (Australia)

**Prof. Dr Gabor Musci**, University of Miskolc (Hungary)

**Prof. Dr Francisc Popescu**, University Politehnica Timisoara (Romania)

Prof. Dr Adian Cioabla, University Politehnica Timisoara (Romania)

Prof. Dr Irena Grigorova, University of Mining and Geology "St. Ivan Rilski" (Bulgaria)



- Prof. Dr Jakob Lamut, University of Ljubljana (Slovenia)
- Prof. Dr Filip Kokalj, University of Maribor (Slovenia)
- **Prof. Dr Aleksandra Anić Vučinić**, University of Zagreb (Croatia)
- Asst. Prof. Dr Branimir Farkaš, University of Zagreb (Croatia)
- Prof. Dr Ilhan Bušatlić, University of Zenica (Bosnia & Herzegovina)
- **Prof. Dr Svjetlana Sredić**, University of Banja Luka (Republic of Srpska, Bosnia & Herzegovina)
- Prof. Dr Afrodita Zendelska, University "Goce Delchev" (North Macedonia)
- Prof. Dr Aleksandar Jovović, University of Belgrade, Faculty of Mechanical Engineering (Serbia)
- **Prof. Dr Milena Kostović**, University of Belgrade, Faculty of Mining and Geology (Serbia)
- **Prof. Dr Predrag Lazić**, University of Belgrade, Faculty of Mining and Geology (Serbia)
- **Prof. Dr Željko Kamberović**, University of Belgrade, Faculty of Technology and Metallurgy (Serbia)
- Prof. Dr Vlada Veljković, University of Nis, Faculty of Technology (Serbia)
- **Prof. Dr Goran Vujić**, University of Novi Sad, Faculty of Technical Sciences (Serbia)
- Prof. Dr Srđan Rončević, University of Novi Sad, Faculty of Sciences (Serbia)
- **Prof. Dr Bogdana Vujić**, University of Novi Sad, Technical Faculty "Mihajlo Pupin" (Serbia)
- **Prof. Dr Marina Stamenović**, The Academy of Applied Technical Studies Belgrade (Serbia)
- **Prof. Dr Dimitrije Zakić**, University of Belgrade, Faculty of Civil Engineering (Serbia)
- Prof. Dr Vladimir Pavićević, University of Belgrade, Faculty of Technology and Metallurgy (Serbia)
- **Prof. Dr Nada Štrbac**, University of Belgrade, Technical faculty in Bor (Serbia)
- **Prof. Dr Milan Antonijević**, University of Belgrade, Technical faculty in Bor (Serbia)
- **Prof. Dr Zoran Stević**, University of Belgrade, Technical faculty in Bor (Serbia)
- **Prof. Dr Dejan Tanikić**, University of Belgrade, Technical faculty in Bor (Serbia)
- Prof. Dr Ljubiša Andrić, University of Belgrade, Technical faculty in Bor (Serbia)
- **Prof. Dr Snežana Šerbula**, University of Belgrade, Technical faculty in Bor (Serbia)
- **Prof. Dr Snežana Milić.** University of Belgrade. Technical faculty in Bor (Serbia)
- **Prof. Dr Mira Cocić**, University of Belgrade, Technical faculty in Bor (Serbia)
- **Prof. Dr Maja Trumić**, University of Belgrade, Technical faculty in Bor (Serbia)
- Asst. Prof. Dr Vladan Milošević, University of Belgrade, Technical faculty in Bor (Serbia)
- Asst. Prof. Dr Vladimir Nikolić, University of Belgrade, Technical faculty in Bor (Serbia)
- **Dr Mile Bugarin**, Mining and Metallurgy Institute Bor (Serbia)
- **Dr Zoran Stevanović**, Mining and Metallurgy Institute Bor (Serbia)
- Dr Radmila Marković, Mining and Metallurgy Institute Bor (Serbia)
- **Dr Jelena Petrović**, Mining and Metallurgy Institute Bor (Serbia)
- Dr Ivana Smičklas, Vinča Institute of Nuclear Sciences (Serbia)
- **Dr Ivana Jelić**, Vinča Institute of Nuclear Sciences (Serbia)
- **Dr Miroslav Sokić**, Institute for Technology of Nuclear and Other Mineral Raw Materials (Serbia)
- **Dr Dragan Radulović**, Institute for Technology of Nuclear and Other Mineral Raw Materials (Serbia)
- Dr Sonja Milićević, Institute for Technology of Nuclear and Other Mineral Raw Materials (Serbia)
- **Dr Milinko Radosavljević**, Mining Institute (Serbia)
- **Dr Svetlana Polavder**, Mining Institute (Serbia)
- Dr Miroslav Ignjatović, Chamber of Commerce and Industry of Serbia (Serbia)









### **ORGANIZING COMMITTEE**

Prof. Dr Zoran Štirbanović, University of Belgrade, Technical faculty in Bor (Serbia) President

**Prof. Dr Milan Trumić,** University of Belgrade, Technical faculty in Bor (Serbia)

Prof. Dr Grozdanka Bogdanović, University of Belgrade, Technical faculty in Bor (Serbia)

Prof. Dr Jovica Sokolović, University of Belgrade, Technical faculty in Bor (Serbia)

**Prof. Dr Maja Trumić**, University of Belgrade, Technical faculty in Bor (Serbia)

Asst. Prof. Dr Vladimir Nikolić, University of Belgrade, Technical faculty in Bor (Serbia) Secretary

**Dr Miroslav Ignjatović**, Chamber of Commerce and Industry of Serbia (Serbia)

MSc Dragana Marilović, University of Belgrade, Technical faculty in Bor (Serbia)

MSc Katarina Balanović, University of Belgrade, Technical faculty in Bor (Serbia)

MSc Ivana Ilić, University of Belgrade, Technical faculty in Bor (Serbia)

**MSc Tamara Gavrilović**, University of Priština – Kosovska Mitrovica(Serbia)

MSc Oliver Marković, University of Belgrade, Technical faculty in Bor (Serbia)

MSc Dragan Milenković, University of Belgrade, Technical faculty in Bor (Serbia)

MSc Sandra Vasković, University of Belgrade, Technical faculty in Bor (Serbia)

BSc Vera Ražnatović, Chamber of Commerce and Industry of Serbia (Serbia)

**Dobrinka Trujić,** University of Belgrade, Technical faculty in Bor (Serbia)

### **IMPORTANT DATES**

Registration and abstract submission: 01 February - 30 September 2024

Abstract acceptance: 15 October 2024

Early bird registration: 31 October 2024

Submission of full-length papers: 15 March 2025

Notification of the papers acceptance: 31 March 2025

Final program: 15 May 2025

Conference: 28 - 30 May 2025

### CONTACT

Prof. Dr. Zoran Štirbanović

President of the Organizing Committee XVI IMPRC 2025 M

University of Belgrade, Technical Faculty in Bor

Phone: +381 (0) 30 424 555 ext. 212

Mobile phone: +381 (0) 60 081 8979

Email: imprc@tfbor.bg.ac.rs or zstirbanovic@tfbor.bg.ac.rs

Address: Vojske Jugoslavije 12, Bor, Serbia