

PUBLISHING

The papers accepted by the Scientific Committee will be published in the Conference Proceedings. The authors of selected papers will be given the opportunity to publish the extended, full length article in Conference Cooperating Journals:

- **Journal of Mining and Metallurgy, Section A: Mining** (www.jmma.tfbor.bg.ac.rs)
- **Recycling and Sustainable Development** (www.rsd.tfbor.bg.ac.rs)

CONFERENCE FEE

For the author:	150 EUR
For the accompanying person:	100 EUR
For the student (PhD, graduates):	75 EUR

Deadline for the Conference fee payment: 31 March 2023

After the mentioned deadline, the Conference fee will be: 175 EUR. - Net Amount

SPONSORSHIP

The organizing committee has prepared three levels of sponsorships and donor packages for companies to financially support the organization of this event, such as:

- Platinum – for donations exceeding 2000 EUR**
- Gold – for donations in range from 1000 to 2000 EUR**
- Silver – for donations in range from 500 to 1000 EUR**

PLATINUM SPONSOR



CONTACT INFORMATION

Professor Dr Jovica Sokolović
President of the Organizing Committee XV IMPRC 2023
University of Belgrade, Technical faculty in Bor
E-mail address: imprc@tfbor.bg.ac.rs

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 Zhiyong Gao, Central South University, China; 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 Pablo Brito-Parada, Imperial College London, London, United Kingdom; Prof. Dr Przemyslaw Kowalczyk, Norwegian University of Science and Technology, Norway; Prof. Dr Erin Bobicki, University of Alberta, Canada; Prof. Dr Kazutoshi Haga, Akita University, Japan; Dr Maoming Fan, Eriez Manufacturing Co, USA; Dr Aleksandar Janković, Mining & Mineral Processing at Hatch, Australia; Prof. Dr Raghupatruni Bhima Rao, Aryan Institute of Engineering and Technology, India; Prof. Dr Junbeum Kim, University of Technology of Troyes, France; Prof. Dr Srećko Stopić, RWTH Aachen University, Germany; Prof. Dr Magdalena Regel-Rosocka, Poznan University of Technology, Poland; Prof. Dr Alejandro Rodríguez Pascual, University of Cordoba, Spain; Prof. Dr Georgios Anastassakis, National Technical University of Athens, Greece; Prof. Dr Mehmet Polat, Izmir Institute of Technology, Turkey; Prof. Dr Valery Morozov, National University of Science and Technology MISiS, Russian Federation; Prof. Dr Silvie Heviánková, VSB – Technical University of Ostrava, Czech Republic; Dr Slavomir Hredzak, Institute of Geotechnics of the Slovak Academy of Science, Slovakia; Prof. Dr Gabor Musci, University of Miskolc, Hungary; Prof. Dr Francisc Popescu, University Politehnica Timisoara, Romania; Prof. Dr Irena Grigorova, University of Mining and Geology "St. Ivan Rilski", Sofia, Bulgaria; Prof. Dr Jakob Lamut, University of Ljubljana, Slovenia; Prof. Dr Aleksandra Anić Vučinić, University of Zagreb, Croatia; Prof. Dr Ilhan Bušatlić, University of Zenica, Bosnia & Herzegovina; Prof. Dr Svetlana Sređić University of Banja Luka, Republic of Srpska, Bosnia & Herzegovina; Prof. Dr Mirjana Golomeova, University Goce Delcev, Stip, 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 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, Novi Sad, Serbia; Prof. Dr Bogdana Vujić, University of Novi Sad, Technical Faculty "Mihajlo Pupin", Zrenjanin, Serbia; Prof. Dr Marina Stamenović, Belgrade Polytechnic, 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 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 Zoran Štirbanović, University of Belgrade, Technical faculty in Bor, Serbia; Prof. Dr Maja Trumić, University of Belgrade, Technical faculty in Bor, Serbia; Doc. Dr Vladan Milošević, University of Belgrade, Technical faculty in Bor / MMBT Belgrade, Serbia; Prof. Dr Ljubiša Andrić, ITNMS Belgrade, Serbia; Dr Ivana Smičklas, Vinča Institute of Nuclear Sciences, Serbia; Dr Miroslav Sokić, ITNMS Belgrade, Serbia; Dr Dragan Radulović, ITNMS Belgrade, Serbia; Dr Sonja Milićević, ITNMS Belgrade, Serbia; Dr Milinko Radosavljević, Mining Institute, Belgrade, 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 Miroslav Ignjatović, Chamber of Commerce and Industry of Serbia, Serbia.

ORGANIZING COMMITTEE

Prof. Dr Jovica Sokolović, University of Belgrade, Technical faculty in Bor, President; Prof. Dr Milan Trumić, University of Belgrade, Technical faculty in Bor; Prof. Dr Grozdanka Bogdanović, University of Belgrade, Technical faculty in Bor; Prof. Dr Zoran Stević, University of Belgrade, Technical faculty in Bor; Prof. Dr Zoran Štirbanović, University of Belgrade, Technical faculty in Bor; Prof. Dr Maja Trumić, University of Belgrade, Technical faculty in Bor; Dr Miroslav Ignjatović, Chamber of Commerce and Industry of Serbia, Belgrade; MSc Vladimir Nikolić, University of Belgrade, Technical faculty in Bor; MSc Dragana Marilović, University of Belgrade, Technical faculty in Bor; MSc Predrag Stolić, University of Belgrade, Technical faculty in Bor; MSc Katarina Balanović, University of Belgrade, Technical faculty in Bor; MSc Oliver Marković, University of Belgrade, Technical faculty in Bor; BSc Vera Ražnatović, Chamber of Commerce and Industry of Serbia, Belgrade; BSc Ivana Ilić, University of Belgrade, Technical faculty in Bor; BSc Sandra Vasković, University of Belgrade, Technical faculty in Bor; Dobrinka Trujić, University of Belgrade, Technical faculty in Bor.



**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

XV INTERNATIONAL MINERAL PROCESSING AND RECYCLING CONFERENCE



THIRD ANNOUNCEMENT AND CALL FOR PAPERS

17-19 May 2023, Belgrade, Serbia

www.imprc.tfbor.bg.ac.rs

XV INTERNATIONAL MINERAL PROCESSING AND RECYCLING CONFERENCE - IMPRC 2023

The Organizing Committee invites all scientists, researchers, managers, engineers, experts, and students working in the field of mineral processing, recycling, and sustainable development, to participate in the XV International Mineral Processing and Recycling Conference (IMPRC 2023).

The main aim of the Conference is to gather the scientists, researchers, and experts in the field of processing of primary and secondary raw materials, recycling, and adjoining areas to provide 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

XV IMPRC 2023 will be held from 17-19 May 2023 at the Chamber of Commerce and Industry of Serbia, 13-15 Resavska Street, Belgrade, Serbia.

CONFERENCE TOPICS

- Comminution and Classification
- Material Analysis and Mineral Characterization
- Physical enrichment (gravity, magnetic and electrostatic separation)
- Flotation and Surface Chemistry Processes, Flotation reagents, Flotation technology
- Mineral Processing Management of Complex Ores
- Leaching and Solutions Processing
- Coal Processing
- Dewatering and Agglomeration
- Sustainability in Mineral Processing
- Education and Other Subjects Related to Mineral Processing
- Waste Generation and Analysis
- Recycling and Utilization of Industrial Waste
- Recycling of Bio-waste
- Treatment of Waste
- Environmental Engineering
- Waste and Resource Management
- Renewable Energies
- Energy Efficiency and Sustainable Development
- Plant and Process Design
- Simulation, Modeling and Process Control
- Legislation Aspects on Environmental Protection and Waste Management
- Education in the Field of Recycling and Sustainable Development

ORGANIZATION OF WORK

The Conference will be organized through plenary lectures, section lectures, and oral and e-poster presentations.

CONFERENCE LANGUAGE

The Conference language will be English.

PLENARY LECTURES

PL1. Lijie Guo, China

RESEARCH PROGRESS OF MINE BACKFILL TECHNOLOGY IN METALLIFEROUS MINES

PL2. V.A. Chanturia, V.V. Morozov, G.P. Dvoichenkova, E.L. Chanturia, Yu. A. Podkamenny, Russian Federation

INNOVATIVE TECHNOLOGY FOR THE RECOVERY OF ABNORMALLY LUMINESCENT DIAMONDS BASED ON THE USE OF LUMINOPHORE-CONTAINING MODIFIERS

PL3. Goran Vujić, Serbia

WTE AS INTEGRATED PART OF CIRCULAR ECONOMY

PL4. Jean-Christophe Gabriel, France

CRITICAL METALS RECOVERY FROM E-WASTE: FROM MICROFLUIDICS HYDROMETALLURGY TO ECONOMICALLY VIABLE PROCESSES

WORKSHOP

Batterflai Workshop: *Sustainable and efficient recovery of battery minerals using lignin nanoparticles as flotation collectors*



BatterFlai

Project webpage: <https://batterflai.eu/>

Part 1: *Advanced methods for optimized flotation process using green reagents*

Part 2: *Environmental impacts of mineral processing through life cycle assessment (LCA) and evaluation of Batterflai flotation process*

e-POSTER PRESENTATION

For the first time, the XV International Mineral Processing and Recycling Conference (IMPRC 2023) will introduce a new tool: the e-Poster!

Electronic Posters or e-Posters are similar to traditional paper posters but displayed on-site on large LCD screens available to conference attendees during e-poster session. The e-poster session will take place in person in a session room on the premises of the Chamber of Commerce and Industry of Serbia. The e-Posters will be presented as a single page PDF with static text and images during one of the e-Poster Presentation Sessions.

All e-posters will be displayed throughout the whole conference session on screens situated in the conference hall. Please note that the screens will be with landscape orientation.

All e-posters will be available to conference attendees and the general public at the IMPRC 2023. This will provide the opportunity to briefly introduce the topic of the e-Poster in order to attract an audience. The session moderator will briefly introduce you, then the author will have a maximum of 3 minutes to introduce the e-Poster. After the session, the audience will have the opportunity to discuss the topic with the presenters.

We look forward to a modern, convenient, and interactive e-poster Session at IMPRC 2023.

INSTRUCTIONS FOR THE AUTHORS

The papers should be prepared according to instruction for authors given in the **template**.

The papers should be prepared on the standard A4 format (210x297 mm). All the margins should be set at 5 cm (top and bottom) and 4.2 cm (left and right), different first page, different odd and even pages with header and footer size of 4 and 4.5 cm. The paper including tables, figures, and reference list, should be on 6 pages. The paper must be written in English, using Microsoft Office Word (*.docx; *.doc).

Text of the paper should be written in Calibri, 10 pt, justified, single line spacing, spacing before and after paragraphs 0 pt. The first line of each paragraph should be with an indentation of 0.5 cm. Please, do not put numbers on the pages.

The paper should be organized into the following sections: title, full names of the authors, abstract and the keywords, introduction, paragraphs (material and methods of work, results and discussion of the results), conclusion, acknowledgement (optional), and references.

DEADLINES

Submission of full-length papers:	March 31, 2023
Notification of the papers acceptance:	April 15, 2023
Conference fee payment:	March 31, 2023
Final program:	May 10, 2023