



Short Summary and Final Remarks

The XVI International Mineral Processing and Recycling Conference – IMPRC 2025 was held from May 28–30, 2025, at the premises of the Chamber of Commerce and Industry of Serbia in Belgrade. The conference was organized by the Technical Faculty in Bor – University of Belgrade, in cooperation with the Chamber of Commerce and Industry of Serbia.

The aim of the conference was to bring together university professors, researchers, industry experts, and company representatives, and to provide them with a platform to present their research findings, practical experiences, and ideas in the fields of mineral processing, waste management, recycling of various waste materials, environmental protection, and other related disciplines.

One of the outcomes of the conference was the *Conference Proceedings*, edited by Prof. Dr. Zoran Štirbanović and Prof. Dr. Milan Trumić, which included **104 full papers and 11 abstracts**, contributed by more than **380 authors and co-authors from 40 countries**. The event gathered **150 participants**.

At the official opening of the conference, welcoming addresses were given by Prof. Dr. Dejan Tanikić, Dean of the Technical Faculty in Bor; Prof. Dr. Milan Trumić, President of the Scientific Committee; and Prof. Dr. Zoran Štirbanović, President of the Organizing Committee.

The plenary lectures were delivered by leading experts: Prof. Dr. Corby Anderson (Colorado School of Mines, USA), Prof. Dr. Pablo Brito-Parada (Imperial College London, UK), Prof. Dr. Junbeum Kim (University of Technology of Troyes, France), and Prof. Dr. Srećko Stopić (RWTH Aachen University, Germany).

The conference program continued with invited lectures, session lectures, and oral presentations across six sessions, and two poster sessions. Prior to the official closing, a special session titled **Metals Young Researcher Award** was held, featuring presentations by PhD students and early-career researchers. The evaluation committee: Prof. Dr. Srećko Stopić (RWTH Aachen University, Germany), Prof. Dr. Alexandre Chagnes (University of Lorraine, France), and Prof. Dr. Kerstin Forsberg (KTH Royal Institute of Technology, Sweden), selected Vladan Nedelkovski from the Technical Faculty in Bor as the winner of the Best Young Researcher Award.

On the final day (May 30), participants visited **HBIS Serbia** in Smederevo and had the opportunity to explore the city's medieval fortress.

Conclusions drawn from the presentations and discussions:

- The growing global demand for resources, e.g., critical minerals, and the decreasing quality of ore deposits underscore the need for intensified research in the fields of mineral processing and recycling, aiming to recover valuable components from both primary and secondary raw materials.
- New and innovative technologies are essential to ensure the economically viable and environmentally sustainable utilization of these vital resources.
- International collaboration and interdisciplinary cooperation among experts can significantly contribute to solving the current challenges faced by researchers.
- Training and securing a new generation of professionals in mineral processing and recycling is vital for the sustainable development of society, especially in light of decreasing student interest in these fields.
- Government support and access to funding opportunities for research and development projects in mineral processing and recycling are key prerequisites for realizing global full potential in this area.



Prof. Dr Zoran Štirbanović
The President of the Organizing Committee
of the IMPRC 2025