

## Mineral Engineering Conference MEC 2017

On 20-23 September 2017, next Conference of Mineral Engineering MEC2017 took place in "Gołębiewski" hotel in Wisła.



Gołębiewski Hotel - MEC2017 Conference Place

MEC2017 Conference is being held for the second time as a joint conference of the 13th International Conference on Non-Ferrous Ore Processing (ICNOP), the XXII International Conference of Mineral Processing and LIV Symposium of Physicochemical Problems of Mineral Processing. This year MEC 2017 was organised by the Institute of Non-Ferrous Metals in cooperation with KGHM Polska Miedz S.A., Wrocław University of Technology, AGH University of Science and Technology, Silesian University of Technology, KGHM Cuprum CBR and SITMN. The media partners of MEC2017 were: Forum of Innovative Coal, MEI, Ores and Non-Ferrous Metals Magazine, Metallurgical Magazine and Mineral Engineering Magazine.

The general chairman of the Conference was Prof. Zbigniew Śmieszek, Ph.D. who welcomed the guests and opened the conference.



Left pic. Prof. Zbigniew Śmieszek, Ph.D. (Chairman of MEC 2017); Right pic. - from the left

Prof. Z. Śmieszek Ph. D. (Institute of Non-Ferrous Metals), B. Ochab (President of Board ZGH „Bolesław” S.A), M. Kidoń (Director of O/ZWR KGHM „Polska Miedz” S.A.), A. Wieniewski, Ph. D., prof. IMN (Institute of Non-Ferrous Metals, Chairman of Programme Council and Organizing Committee ),

A. Chmielarz, Ph. D., prof. IMN (Institute of Non-Ferrous Metals, Vice Chairman of Programme Council).

The conference covered the following topics: advanced mineralogy, automation and control of processes, innovative construction of processing equipment, mineralogical separations (magnetic, electric, gravity separations and flotation, coagulation, agglomeration, comminution, screening, dewatering, drying, sampling etc.), hydro- and biohydrometallurgy, modification of minerals properties, recycling and mineral waste, environmental aspects of mineral processing.

MEC 2017 was attended by over 120 participant from 9 countries: Australia, Canada, Finland, France, South Korea, Germany, Romania, Sweden and Poland.



The following companies were represented: Aalto University, AD Hydromet, Comex, Flowrox Oy, Helmholtz Institute, IMNR, KIGAM-Korea, Köppern Machinery, Lorraine University, Metsso, Outotec, Trema Verfahrenstechnik GmbH, Sinarom Mining Group.

Among Polish companies, apart from representatives of the organizers, there were: CBJ Sp. z o.o., EIT + Sp. z oo, Fenix Metals Sp. z o.o., GRC, IChPW, IChP, Innovator Sp. z o.o., IPPT PAN, Czestochowa University of Technology, Gdansk University of Technology, Warsaw University of Technology, Pro-Industry Sp. z o.o., University of Science and Technology in Bydgoszcz, Weir Minerals Poland Sp. z o.o. ZAM KĘTY Sp. z o.o. , ZGH "Boleslaw" S.A., ZM Silesia S.A.

During the conference more than 40 papers in parallel sessions were delivered and 16 posters were presented.

In the plenary session three presentations were made, prepared by representatives of Comex, Outotec and Metsso companies:

- Jacek Kołacz (Comex - NOR) - Advanced separation technologies for pre-concentration of metal ores and the additional process control,
- Marius Franek (OUTOTEC - FIN) New challenges in the processing of minerals,
- Andrew Wilkinson (METSO - GB)- Comminution Plant Design - Designing effective and efficient flowsheets with current technology,

The proceedings of the Mineral Engineering Conference MEC2017 have been published by the E3S Web of Conferences and are available on line at :

<https://www.e3s-conferences.org/articles/e3sconf/abs/2017/06/contents/contents.html>



Left pic. - One of presentation room; Right pic. - Poster session

The MEC2017, in addition to its rich program content, was also opportunity for a variety of formal and informal meetings which sought to build scientific and technical co-operation with colleagues sharing their knowledge and best practice Moreover the program encouraged participation in cultural events: welcome cocktail, ceremonial dinner and regional evening. An interesting part of the Conference was the technical trip to newly built ZGH Boleslaw, which is one of the first European installations for Zinc and Lead recovery delivered from the old flotation tailings.



Left pic. - Ceremonial dinner; Right pic. - Regional evening

During the meeting of the Council of MEC2017 it was established that the main organizer of the next conference MEC2018 will be Silesian University of Technology. The Chairman of the Organizing Committee of MEC2018 will be Marcin Lutyński, Ph. D., his e-mail address: [marcin.lutyński@polsl.pl](mailto:marcin.lutyński@polsl.pl)