Mineral Engineering Conference MEC 2017


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 LV Symposium of Physicochemical Problems of Mineral Processing. This year MEC 2017 was organized by the Institute of Non-Ferrous Metals in cooperation with KGHM Polska Miedź S.A., Wrocław University of Technology, AGH University of Science and Technology, Silesian University of Technology, KGHM Cuprum CBK and SITMN. The media partners of MEC2017 were: Forum of Innovative Coal, MEI, Recycling and mineral waste, Trema Verfahrenstechnik GmbH, Sinarom Mining Group.

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

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, AO Hydromet, Comex, Flowmax Oy, Helmholt Institute, IMMR, KIHAM-Korea, Köppern Machineries, Lorraine University, Metso, Outotec, Trema Verfahrenstechnik GmbH, Sinarom Mining Group.

Among Polish companies, apart from representatives of the organizers, there were: CBJ Sp. z o.o., EIF + Sp. z o.o, Fenix Metals Sp. z o.o., GRC, ICHPW, ICHP, Innovator Sp. z o.o., IPPT PAN, Częstochowa University of Technology, Gdańsk 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 Metso companies:

- Jacek Kotacz (Comex - NGR) - 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,

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

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 cooperation 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.

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.lutyinski@polsl.pl

Reported by Łukasz Skrzypiec