

“MINING 2018” EXPO FORUM. PRESS REELASE

From April 5 to 6, 2018, at Conference Hall No.4 of the IEC “Novosibirsk Expo center”, “Mining 2018” Expo Forum was held. IEC “Novosibirsk Expo center” - largest beyond the Urals expo complex, currently having no analogs in Russia in terms of techniques. It was designed and built based on the latest technologies for construction of energy-efficient buildings existing in the world practice, using the “green building” concept.

The major goal of the event was to create a unique venue for demonstration of the most recent technologies, which would open new horizons of cooperation to foreign and domestic companies and will let leverage the provided opportunities for business development.

Within the frames of “Mining 2018” Expo Forum, a few issue-related sessions were held, at which the participants raised discussions of the most important matters related to the development of mining industry in Russia as well as participating countries of the EEU, and demonstrated state-of-the-art developments in this industry

At the opening ceremony, the Deputy Presidential Plenipotentiary Envoy of the RF in the SFD, Mr. Golovko Vadim Mikhailovich, and the mayor of Novosibirsk, Mr. Lokot' Anatoly Evgenyevich, delivered the opening address at the opening ceremony.

The following Russian and foreign representatives of the industry took part in “Mining 2018” Expo Forum: JSC “SUEK”, JSC “Sibirskiy Anthracite”, PJSC “Yuzhnyi Kuzbass” (“Mechel” Group of Companies), JSC MC “PMKh” - “PMKh”-Coal, LLC “MC “Evraz Mezhdurechensk”, LLC “MMK-UGOL”, OJSC “MC “Kuzbassrazrezugol”, JSC “Astana-REK”, LLP “Korporatsiya Kazakhmys”, JSC “SZhS Vostok Limited”, JSC “Atlas Copco”, LLC “Caterpillar Eurasia”.

Colleagues from the scientific center have also shared with their achievements in the development, among them: CJSC “Giprougol”, SJSC “Nauchnyi Tsentr Promyshlennoy Bezopasnosti”, FGBVOU VO “Moscow Polytechnic University”, FGBUN Mining Institute named after N. A. Chinakal, SD RAS, FGBUN Mining Institute named after N. A. Chinakal, SD RAS, FGBOU VO “Kemgu”, FGBOU VO SGUGiT The trend towards growth in the number of participants of the “Mining 2018” class among the higher educational institutions is one of the most positive factors, since participation in such events allows to provide

students with specialized practice, which lets them grow up into world-class specialists and successfully leverage their skills to develop the industry.

Apart from the topical issues of development of extraction of commercial minerals and most recent technologies for their processing, the "green" trend is growing in strength from year to year. Many topics are devoted to purification and recycling of production wastes, as well as second-generation reprocessing of materials.

During the work of the expo forum, 4 issue-related sessions were held, here the speakers rose the industry's topical matters and suggested their ways to solutions.

The first session was devoted to the industrial safety and labor protection in mining practice. The participants presented their reports on the following subjects: "On the necessity to amend the mining legislation and regulatory enactments to prevent methane explosions and the coal mines of Russia", "Intelligent system for prevention of emergencies using the elements of artificial neural network. A methodology for hardware and software facilities in the system of dust-explosion proofness of mine workings, prevention and localization of explosions of dust-methane-air mix in coal mines and at test facilities", and "Safety at the enterprise. Illusion of immunity".

The topic of the second session was coal beneficiation. The industry experts shared their 20+ experience in coal beneficiation, discussed the most topical innovative methods of handling raw materials, as well as the Paris Convention on Climate, low-carbon coal heat power engineering, and creation of a complex of equipment for coal flotation.

The problems and prospects of development of Russian regions with extractive enterprises and mining industry on the whole became the topic of the third session. Certainly, coal for our country is an important power engineering resource and an export commodity. The following topics were discussed: "Resource sector and problems of integral development of the regional economy", "Adjustment of underground surveying nets on the example of Kuzbass mines", Topic: "Prevention of dynamic phenomena in coal mines through forced landing of hard-to-collapse roofing and intensification of outgassing processes", "Problems and prospects of organization of meeting recruitment needs at the enterprises of the coal industry. Training of mining engineers at SGUGiT".

At the final, fourth session, discussed were the prospects and what needs to be achieved in the nearest future, how to optimize production and introduce most recent technologies without wasting time for that. "Facility management in the reprocessing of large-size tires into rubber granulate with further manufacture of road pavement in the form of rubber tiles", "Automation of planning mining operations using the GEOVIA software suite", "Solutions for power-generating units of industrial enterprises at Legrand machinery", and "Innovative walling for mine shafts in severe hydrogeological conditions".

Owing to projects like "Mining 2018", specialists of the raw-material industry have a unique opportunity to share their matured experience, to tell about discovered successful solutions in the methods of mining and excavation, as well as to share the latest developments, innovative technologies and their introduction to the production environment. Such events became possible primarily due to companies like Somerset International Russia which acted as the major partner of "Mining 2018".

For any matters of interest, please contact the organizing committee of "**Mining 2018**".

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