



KOMTECH-IMTech
Scientific and Technical Conference

KOMTECH-IMTech
INNOVATIVE MINING TECHNOLOGIES
Scientific and Technical Conference

4-6 November 2020 | Szczyrk, Poland

<http://imtech.komag.eu/en/komtech-en/about-conference>

Topics:

- Technical progress in a construction and exploitation of machines:
 - an increase of life and reliability,
 - an introduction of new techniques and construction materials,
 - a reduction of machinery and equipment wear,
 - an improvement of mechanical and technical solutions,
 - an increase of machinery park life.
- Smart solutions of mining machines and equipment according to Industry 4.0 approach:
 - an application of Internet of Things in the mining industry,
 - a development of control systems (cyber-physical systems),
 - smart monitoring and diagnostics systems of machines. Predictive Maintenance,
 - an automation and robotization of processes in mines.
- Machines and equipment used in longwall and road-heading systems.
- Haulage systems of machines and of run-of-mine as well as men-riding systems.
- Safe and efficient shaft haulage systems.
- Innovative solutions of drive systems.
- Use of hydraulic and pneumatic systems in a construction of machines.
- Shaping of safe operational conditions in mines.
- The latest research and technologies in the field of an identification, forecast and control of mining hazards.
- New technologies of driving workings and mining of minerals.
- State-of-the-art mine management systems.
- Issues of industrial mechanics.

Organizator principal: KOMAG Institute of Mining Technology



Organizator partener: INOE 2000-IHP

Termen pentru trimiterea lucrărilor: 15 octombrie 2020

Publicare: în revista **Mining Machines** – publicație BDI - sau în proceedings-ul **IOP Conference Series: Materials Science and Engineering (MSE)** – publicație ISI.

Mining Machines – indexare:

- BazTech
- Google Scholar
- Index Copernicus
- Directory of Open Access Journals DOAJ

IOP Conference Series: Materials Science and Engineering (MSE) – indexare:

- **Conference Proceedings Citation Index—Science (CPCI-S) (Thomson Reuters, Web of Science)**
 - Scopus
 - Compendex
 - Inspec
 - INIS (International Nuclear Information System)
 - Chemical Abstracts
 - NASA Astrophysics Data System
 - Polymer Library
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