

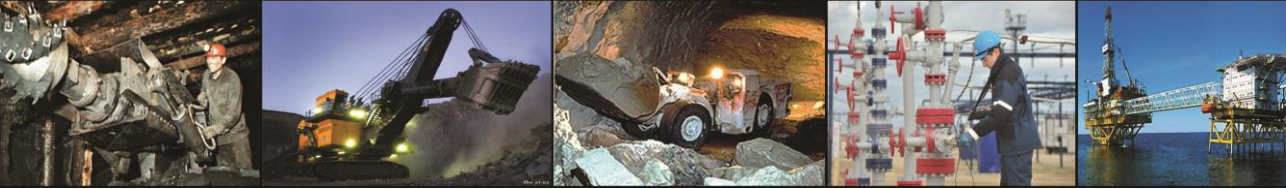


UKRAINIAN SCHOOL OF MINING ENGINEERING

2019

XIII INTERNATIONAL SCIENTIFIC
AND PRACTICAL CONFERENCE

Berdiansk, Ukraine
September 3–7
2019



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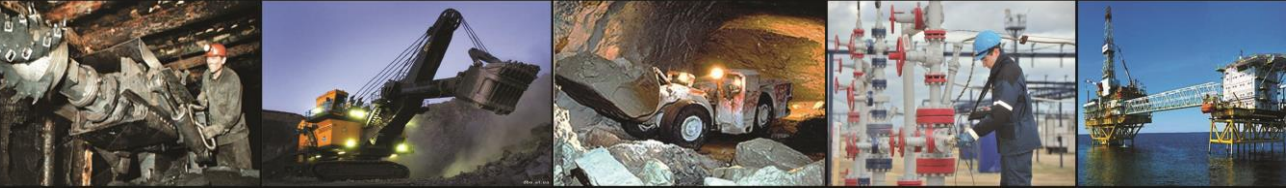


NATIONAL ACADEMY OF SCIENCES OF UKRAINE



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Dear participants of the conference!

It is a great honor for us to congratulate participants of the XIII International Scientific and Practical Conference “Ukrainian School of Mining Engineering – 2019”, which is held annually in the pearl of the Azov Sea – the sunny Berdiansk.

Our School takes its rise from 2007 as the “School of Underground Mining”.

The time has passed and the number of conference participants from different areas of mining has increased. At present, the conference is represented by specialists in underground and open pit mining, mineral processing, mining mechanical engineering, labor and environmental protection. That is why it is true that our School has evolved from the School of Underground mining to the School of Mining Engineering.

We live in a very exciting time – a time of great transformation in science, engineering and technology. This is the time of the fourth industrial revolution, characterized by intellectual technologies based on artificial intelligence and the latest foundations: blockchain technologies, virtual and augmented reality, big databases, digitization, robotization, etc. The very attitude towards engineering is changing – new specialties are emerging, such as consultant on robots, virtual reality architect, 3D printing engineer, and more.

In the field of mineral exploration and production, the world's leading companies such as Rio Tinto, Atlas Copco, Caterpillar, ACFR, ABB offer system solutions for operational intervention in any technological chain of the mine, starting with the mine face and ending with the shipment of products to the consumer.

We are convinced that the professional and representative level, knowledge, experience and high human qualities of the participants of our conference will make it possible to develop proposals and recommendations that will help to increase the efficiency of further development of the mining industry.

We wish all participants of the Ukrainian School of Mining Engineering good health, fruitful and constructive work and success in fulfilling big dreams!

Sincerely,

Organizing Committee of the Ukrainian School of Mining Engineering