

## PROGRAMME COMMITTEE

*Chair* V.I. Klishin, Corresponding Member of the RAS, Doctor of Technical Sciences., Prof. (FRC CCC SB RAS, Kemerovo)

*Deputy Chairman* L.D. Pavlova, Doctor of Technical Sciences, Prof. (SibSIU, Novokuznetsk)

### Members of program committee

S.K. Baimuhametov, Doctor of Technical Sciences, Prof. (Coal Division JSC "ArcelorMittal Temirtau", Kazakhstan)  
Yu.A. Veksler, Doctor of Technical Sciences, Prof. (Marco Systemanalyse und Entwicklung GmbH, Dachau, Germany)  
V.N. Zakharov, corresponding member of RAS, Doctor of Technical Sciences, Prof. (IPKON RAS, Russia)  
I.V. Zenkov, Doctor of Technical Sciences (Special Designing and Technological Bureau "Nauka" KSC SB RAS, Krasnoyarsk)  
V.S. Zykov, Doctor of Technical Sciences, Prof. (VostNII SC, Kemerovo)  
A.A. Eremenko, Doctor of Technical Sciences, Prof. (IM SB RAS, Novosibirsk)  
Z.R. Ismagilov, Academician of the RAS, Doctor of Chemical Sciences (FRC CCC SB RAS, Kemerovo)  
M.G. Mustafin, Doctor of Technical Sciences, Prof. (SPMU, St. Petersburg)  
D. Yu. Paleev, Doctor of Technical Sciences (Federal State Enterprise «National mine rescue center», Novokuznetsk)  
O.V. Taylakov, Doctor of Technical Sciences, Prof. (VostNII SC, Kemerovo)  
V.N. Fryanov, Doctor of Technical Sciences, Prof. (SibSIU, Novokuznetsk)  
A.V. Shadrin, Doctor of Technical Sciences, Chief Researcher (FRC CCC SB RAS, Kemerovo)  
Clemens Backhaus (Fraunhofer UMSICHT, Oberhausen, Deutschland)  
Dr. V. Böspflug (Demeta GmbH, Deutschland)

## ORGANIZING COMMITTEE

*Chair* A.B. Yuriev, Doctor of Technical Sciences, Assoc. Prof. (SibSIU, Novokuznetsk)

*Co-Chair* Lu Zeng Xiang, Doctor of Technical Science, Professor (USTL, Anshan (China))  
*Deputy Chairman* V.N. Fryanov, Doctor of Technical Sciences, Prof. (SibSIU, Novokuznetsk)

## Members of organizing committee

P.V. Vasiliev, Candidate of Technical Sciences (SibSIU, Novokuznetsk)  
I.A. Ganieva, Doctor of Economic Sciences, (Research and Academic Centre «Kuzbass», Kemerovo)  
A.N. Domrachev, Doctor of Technical Sciences, Prof. (SibSIU, Novokuznetsk)  
V.A. Eremenko, Doctor of Technical Sciences (NUST MISIS, Moscow)  
O.I. Kazanin, Doctor of Technical Sciences, Prof. (SPMU, St. Petersburg)  
A.S. Kondratenko, Candidate of Technical Sciences (MI SB RAS, Novosibirsk)  
S.M. Nikitenko, Doctor of Economic Sciences, Prof. (FRC CCC SB RAS)  
V.Yu. Ostrovlyanchik, Doctor of Technical Sciences, Prof. (SibSIU, Novokuznetsk)  
L.D. Pavlova, Doctor of Technical Sciences, (SibSIU, Novokuznetsk)  
I.V. Petrov, Doctor of Economic Sciences, Prof. (Financial University, Moscow)  
T.V. Petrova, Doctor of Economical Sciences, Prof. (SibSIU, Novokuznetsk)  
V.V. Senkus, Doctor of Technical Sciences, Prof. (Siberian Coal-concentrating Research Institute, Prokopyevsk)  
V.M. Seryakov, Doctor of Technical Sciences, Prof. (IM SB RAS, Novosibirsk)  
M.V. Temlyantsev, Doctor of Technical Sciences, Prof. (SibSIU, Novokuznetsk)  
V.V. Tabachnikov (Expo center "Kuzbass Fair", Novokuznetsk)

## PURPOSES OF THE CONFERENCE:

- development and implementation of science-based technologies for mining of mineral resources;
- development of innovative approaches to creation of high performance equipment for mining industry;
- development of automated control systems, improvement of electro-technical, energy-saving systems of mining industry;
- development of complex extraction technologies and deep processing of mineral resources;
- improvement of industrial and environmental safety at the mining and processing enterprises;
- exchange of domestic and foreign experience in the field of research and development of projects, technologies and equipment.

## SECTIONS OF THE CONFERENCE

1. Geotechnologies of complex development of mineral resources
2. Mining machines and transportation systems in mining industry
3. Robotization and automation of mining processes
4. Industrial and environment safety at mining plants

## PUBLICATION OF PAPERS

Papers will be published on-line annual journal "Knowledge-based technologies in development and utilization of mineral resources". The journal has ISSN, UDC and is included in the database of the Russian Science Citation Index, Digital version of the journal will be presented at SibSIU Scientific Library website, and digital scientific library eLibrary.ru.

Articles recommended by the Editorial Board will be published in electronic international scientific journals «IOP Conference Series: Earth and Environmental Science», indexed by SCOPUS.

### Publication material requirements

For publication in on-line annual journal "Knowledge-based technologies in development and utilization of mineral resources".

- 8 full page text (page format - A4);
- Text editor - Microsoft Word;
- Mirror margins: top, bottom, outside - 2 cm; inside - 2.5 cm;
- Font - Times New Roman, font size - 12;
- Line spacing – single;
- The first line - UDC (all capital letters, left alignment);
- 1 interval - the article title (all capital letters, bold, centered);
- The following three lines - academic degree, authors Family name, initials; full name of affiliation; city, country (bold, italic, centered);
- 1 interval - Abstract (not more than 5 lines);
- 1 interval - Key words (no more than 8 words or phrases, separated by comma);
- 1 interval - Text of the article (first line indent 1.25 cm, width adjustment).

**Page numbering, headers and footers, footnotes are not allowed.**

**All materials should be submitted not later than  
May 1<sup>st</sup>, 2021**

## REGISTRATION

To participate in the conference you need to send completed electronic application form and electronic version of paper to the address of the Organizing committee.

### REGISTRATION FORM

Name, Surname	_____
Academic degree	_____
Company position	_____
Zip address	_____
Phone	_____
E-mail	_____
Section	_____
Name of report	_____
Information about Co-Rapporteurs	_____
Type of report:	
<input type="checkbox"/> plenary	
<input type="checkbox"/> oral	
<input type="checkbox"/> poster	
I need:	
<input type="checkbox"/> personal invitation	

## CONFERENCE SCHEDULE

The date of the Conference: June 1-4, 2021

**Conference Venue:** Expo Center "Kuzbass Fair", 654038, Russia, Kemerovo region, Novokuznetsk, 51 Avtotransportnaya Street, Conference room № 3

June 1, 2021	Arrival of the conference participants
June 2, 2021	
10 <sup>00</sup> -10 <sup>30</sup>	Registration
10 <sup>30</sup> -13 <sup>00</sup>	Plenary session Working meeting in sections № 1
13 <sup>00</sup> -14 <sup>00</sup>	Break
14 <sup>00</sup> -17 <sup>00</sup>	Working meeting in sections № 2
June 3, 2021	
10 <sup>00</sup> -10 <sup>30</sup>	Registration
10 <sup>30</sup> -13 <sup>00</sup>	Working meeting of sections № 3
13 <sup>00</sup> -14 <sup>00</sup>	Break
14 <sup>00</sup> -17 <sup>00</sup>	Working meeting of sections № 4
June 4, 2021	Summing up the conference

## CONTACTS

Applications should be forwarded to the electronic address of Professor Larisa Pavlova:

E-mail: [ld\\_pavlova@mail.ru](mailto:ld_pavlova@mail.ru)

Phone: +7 (3843) 46-35-29

Mobile Phone: 8-961-705-3074

Information about Conference can be obtained: leading specialist in organization of scientific events and exhibition activities Galina Morina:

E-mail: [onti@sibsiu.ru](mailto:onti@sibsiu.ru)

Phone: +7 (3843) 46-26-29

Mobile Phone: 8-908-948-0235

## ADDITIONAL SERVICES

Railway and airline reservation services, booking hotels, meeting at the airport and Railway station, organization by Ltd "KuzbassEkspoServis":

Phone. / Fax: (3843) 32-11-17, 8-923-470-70-06

E-mail: [kes\\_ty@mail.ru](mailto:kes_ty@mail.ru)

Further information can be obtained: organizer of scientific congresses of "Kuzbass Fair" Tatyana Vorobyova:

Tel. / Fax: (3843) 32-24-40, 8-923-470-70-01

E-mail: [science@kuzbass-fair.ru](mailto:science@kuzbass-fair.ru)

Information about the Conference can be obtained on Siberian State Industrial University website at:

<http://www.sibsiu.ru/nauka-i-innovacii/konferentsii-seminary-vystavki/urm2021/>



**Administration of the Kuzbass Government**

**Novokuznetsk City Administration**

**Siberian State Industrial University**

**Federal Research Center of Coal**

**and Coal Chemistry SB RAS**

**VostNII Scientific center on industrial and ecological safety in mining industry**

**University of Science and Technology Liaoning**

**Expo center "Kuzbass Fair"**

**International Scientific and Research Conference on**

**KNOWLEDGE-BASED TECHNOLOGIES IN DEVELOPMENT AND UTILIZATION OF MINERAL RESOURCES**

within the framework of the international specialized exhibition of coal mining technologies "Coal of Russia and Mining"

**June 1-4, 2021**

**Russia, Novokuznetsk**