

## INFORMATION MESSAGE

**International Scientific and Practical Conference:  
«SUSTAINABLE DEVELOPMENT AND MODERN INTEGRATED, RESOURCE-SAVING AND  
ENERGY-INTENSIVE TECHNOLOGIES IN THE MINING AND METALLURGICAL INDUSTRY»**

**DEDICATED TO THE 85TH ANNIVERSARY OF HIS BIRTH  
PROFESSOR, ACADEMICIAN OF THE NATIONAL ACADEMY OF SCIENCES V.A. LUGANOV**

### DEAR COLLEAGUES!

We invite you to take part in the International Scientific and Practical Conference 22 of November 2024 "*Sustainable development and modern integrated, resource-saving and energy-intensive technologies in the mining and metallurgical industry*", dedicated to the memory and 85th anniversary of the birth of a prominent scientist, teacher, academician of the National Academy of Sciences, Professor, Doctor of Technical Sciences *Luganov Vladimir Alekseevich* "Department of Metallurgical Processes, thermal engineering and technology of special materials", one of the most prominent and outstanding representatives of the Kazakh Metallurgical School, who made a significant contribution to science and the metallurgical industry, training and education of scientific and engineering personnel for the economy of the Republic of Kazakhstan.

The purpose of the conference is to discuss domestic and international experience in the field of sustainable development and modern integrated, resource-saving and energy-intensive technologies in the mining and metallurgical industry; to determine the necessary resource, personnel, regulatory and organizational support for the implementation of priority areas in the mining and metallurgical industry. Within the framework of the conference, *the opening of the nominal audience of Professor Vladimir Alekseevich Luganov - "Laboratory of sustainable development of extractive Metallurgy"*, sponsor of the laboratory renovation – Kazzinc LLP will take place.

The participants of the conference are the leading enterprises of the Republic of Kazakhstan: Kazzinc LLP, NAC Kazatomprom JSC, Kazakhmys Corporation LLP, UK TMK JSC, KAZ Minerals Aktogay LLP, AK Altynalmas JSC and others.

Foreign participants of the conference: Worcester Polytechnic Institute – USA, Colorado School of Mines – USA, Bialystok University of Technology – Poland, Murdoch University – Australia, Nazarbayev University and others.

The plenary and breakout sessions of the conference will analyze the key problems of the mining and metallurgical industry in the context of sustainable economic development, propose specific mechanisms and measures for the transformation of resource-saving technologies in modern conditions.

The following sections will work at the conference:

1. Innovative technologies and sustainable development in surveying and Mining;
2. Innovative technologies and sustainable development in mineral processing and metallurgy; in chemical engineering and ecology;
3. Innovative technologies and sustainable development in materials science and nanotechnology;
4. Innovative technologies and sustainable development in automation and digitalization of technological processes.

<b>Location of the event:</b>	Republic of Kazakhstan, Almaty, Satpayev str., 22, KazNRTU named after K.I. Satpayev, Mining and Metallurgical Building, 2nd floor, D.Suleev Center for Science and Creativity.
<b>Date and time of the event:</b>	November 22, 2024, 10.00-17.00 h.
<b>Working languages of the conference:</b>	Kazakh, Russian, English
<b>Phone number for contact:</b>	+7 747-157-08-85, +7-708-912-15-36 (WhatsApp)
<b>Email address:</b>	<a href="mailto:a.sultanbayeva@satbayev.university">a.sultanbayeva@satbayev.university</a> <a href="mailto:a.altmyshbayeva@satbayev.university">a.altmyshbayeva@satbayev.university</a>

To participate in the conference, you must send (**Attached**):

1. Registration form – **Annex A**.
2. Conference Program – **Annex B**.
3. The texts of the reports, in accordance with the design requirements – **Annex C**.

**REGISTRATION FORM**  
(Application for participation in the conference)

<b>1. Surname, First name, Patronymic (First author)</b>	
<b>2. Organization, position</b>	
<b>3. Academic degree</b>	
<b>4. Academic title</b>	
<b>5. Phone, fax</b>	
<b>6. Postal address</b>	
<b>7. E-mail</b>	
<b>8. Title of the report</b>	
<b>9. Specify The Section</b>	
<b>10. Form of participation:</b>	
<i>a. Report on the section* with publication in the collection</i>	
<i>б. Publication of the report without a speech</i>	
<i>в. Participation in absentia with the publication of the report</i>	
<i>г. Participation in the conference as a listener</i>	
<b>11. Full name of the co-authors</b>	

\* The time limit for the speech at the plenary session: 15 minutes

\*\* The time limit for speaking at the sections is 10 minutes.

The application (**Annex A**) for participation in the conference should be sent to the following e-mail address: [a.sultanbayeva@satbayev.university](mailto:a.sultanbayeva@satbayev.university) , [a.altmyshbayeva@satbayev.university](mailto:a.altmyshbayeva@satbayev.university) , **until November 22, 2024 inclusive.**

**PROGRAM**  
**International Scientific and Practical Conference:**  
**«SUSTAINABLE DEVELOPMENT AND MODERN INTEGRATED,  
 RESOURCE-SAVING AND ENERGY-INTENSIVE TECHNOLOGIES IN THE  
 MINING AND METALLURGICAL INDUSTRY»**

**Friday**  
**November 22, 2024**  
**Almaty city, 22 Satpayev str.**

<b>9<sup>00</sup> - 10<sup>00</sup></b>	<b>REGISTRATION OF PARTICIPANTS</b> D.Suleev Center for Science and Creativity, Mining and Metallurgical Building, 2nd floor)
<b>10<sup>00</sup> - 10<sup>30</sup></b>	<b>OPENING OF THE NAMED AUDIENCE OF PROFESSOR VLADIMIR ALEKSEEVICH LUGANOV</b> - «Laboratory of Sustainable Development of Extractive Metallurgy named after Professor V.A. Luganov, sponsor of laboratory renovation – Kazzinc LLP»
<b>11<sup>00</sup> - 13<sup>00</sup></b>	<b>PLENARY SESSION</b> D.Suleev Center for Science and Creativity, Mining and Metallurgical Building, 2nd floor Plenary reports – 15 minutes
<b>14<sup>00</sup> - 16<sup>00</sup></b>	<b>THE WORK OF THE CONFERENCE SECTIONS in accordance with the program of meetings</b> Sectional reports – 10 minutes
<b>16<sup>00</sup> - 17<sup>00</sup></b>	<b>SUMMING UP THE RESULTS OF THE CONFERENCE</b> (D.Suleev Center for Science and Creativity, Mining and Metallurgical Building, 2nd floor)

## CONDITIONS AND REQUIREMENTS FOR THE PRESENTATION OF MATERIALS

Reports (Kazakh, Russian, English languages of choice) are submitted to the organizing committee of the Conference **by November 22, 2024, inclusive**, in the form of an electronic copy in **MS Word** format, by **e-mail** attached file.

The volume of the report should not exceed **6 A4 pages**, including drawings.

Figures and tables should be designed according to SSSU 7.32-2001.

The list of sources used is SSSU 7.1-2003.

The title of the report is printed in capital letters in the center of the line.

After 2 intervals, the initials and surnames of the authors are printed (**in bold**) indicating the name of the organization, city and country.

The text is printed at 2 intervals below.

The font of the text of the report is 12 **Times New Roman**.

The line spacing is single.

The page parameters are 20 mm on all sides.

The application for participation (**Annex A**) in the conference, the texts of the reports for publication in the collection must be sent to the following e-mail addresses:

1. Innovative technologies and sustainable development in surveying and Mining. Bakhmagambetova Gulnara [g.bakhmagambetova@satbayev.university](mailto:g.bakhmagambetova@satbayev.university);
2. Innovative technologies and sustainable development in mineral processing and metallurgy; in chemical engineering and ecology: Sultanbayeva Ainur [a.sultanbayeva@satbayev.university](mailto:a.sultanbayeva@satbayev.university), Altmyshbayeva Aliya [a.altmyshbayeva@satbayev.university](mailto:a.altmyshbayeva@satbayev.university);
3. Innovative technologies and sustainable development in materials science and nanotechnology, Beisebayeva Aigul Samsaliyevna [aigul.beisebaeva@satbayev.university](mailto:aigul.beisebaeva@satbayev.university);
4. Innovative technologies and sustainable development in automation and digitalization of technological processes. Kulakova Elena [ye.kulakova@satbayev.university](mailto:ye.kulakova@satbayev.university).

The file should be named with the full name of the first author of the report.

A participant of the conference can be an author or co-author of no more than **5 reports**.

The conference materials will be published **after the conference until December 22, 2024**:

### **IMPORTANT DATES:**

Before November 15, 2024 – registration for participation in the conference;

Until November 22, 2024 – provision of full texts of reports;

November 22, 2024 – the work of the conference.

**Sincerely, the Organizing Committee of the conference.**