

## INFORMATION MESSAGE

### **KAZ Minerals Mining Forum: « STUDY OF DOMESTIC AND INTERNATIONAL EXPERIENCE IN THE FIELD OF MINING PROCESS MANAGEMENT »**

#### **DEAR COLLEAGUES!**

We invite you to take part in the KAZ Minerals Mining Forum, this forum is held every year within the KAZ Minerals group, but this year we wanted to change the format and hold this forum at your university, this forum is a significant platform for sharing knowledge and experience in the mining industry, as well as discussing current trends and issues facing the industry.

Purpose of the Forum - The annual Mining Forum is important to KAZ Minerals as it promotes collaboration between the Group's companies, innovation and knowledge sharing. The event provides a platform to discuss new technologies, sustainability practices and legislative changes in subsoil use. For KAZ Minerals, the Mining Forum helps to build strong industry relationships and remain competitive in an emerging global market. The Mining Forum also promotes transparency, community decision-making, and corporate governance, which ultimately enhances the company's reputation both domestically and internationally. "Sharing knowledge is not just about improving business, it's about improving the future." This event will also create opportunities for collaboration with industry and academia. In this forum, we will discuss the topics of domestic and international experience in sustainable development and modern integrated, in the mining and metallurgy industry.

Forum participants: KAZ Minerals Management LLP, KAZ Minerals Aktogay LLP, KAZ Minerals Bozshakol LLP, SRK Consulting Kazakhstan, WEIR Motion Metrics Central Asia.

Foreign participants of the forum: Bogr Engineering - Australia, SRK Consulting Finland - Finland, MOS Consulting - Australia, Deswik - Australia, England, Datamine - Canada.

The forum will feature the following sections:

1. Open pit mining and transition from open pit to underground mining.
2. Technology.
3. Artificial Intelligence.
4. Geotechnics.

**Location of the event:** 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.

**Date and time of the event:** November 28-30, 2024, 09.00-17.00 h.

**Working languages of the conference:** Kazakh, Russian, English

**Phone number for contact:** +7 778-247-26-44, +7-701-794-52-67 (WhatsApp)

**Email address:** [sultan.batyrgozhino1@kazminerals.com](mailto:sultan.batyrgozhino1@kazminerals.com)  
[damir.smagulov@kazminerals.com](mailto:damir.smagulov@kazminerals.com)

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

1. Registration form – **Annex A**.
2. Conference Program – **Annex B**.

**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**  
**Mining Forum:**

**Thursday, Day 1**  
**November 28, 2024**  
**Almaty city, 22 Satpayev str.**

|              |   |   |
|--------------|---|---|
| <b>9:00</b>  | <b>Safety Share</b>   | <b>Johan Barnard (KAZ Minerals Management LLP)</b>  |
| <b>9:10</b>  | <b>The opening ceremony</b>   | <b>Johan Barnard (KAZ Minerals Management LLP) and Begentaev Meiram Mukhametrahimovich (Chairman of the Board – Rector of KazNRTU named after K.I.Satpayev)</b> |
| <b>9:30</b>  | <b>Aktogay production scheduling in MineSched</b>   | <b>KAZ Minerals Aktogay, Murat Tuyakov</b>  |
| <b>10:00</b> | <b>Coffee break</b>   |   |
| <b>10:15</b> | <b>Bozshakol Mine Scheduling Processes and Horizons (LOM/MPT/STP)</b>   | <b>KAZ Minerals Bozshakol, Rustem Toleubekov</b>  |
| <b>10:45</b> | <b>Key geotechnical risk parameters during open pit-underground transition and key considerations for mine scheduling</b>   | <b>BOGR-Engineering Services Pty Ltd, Australia, Glen Balog . SRK Consulting Finland, (online), Michael Di Giovinazzo</b>                                       |
| <b>11:30</b> | <b>Considerations on Open pit transition to UG, focusing in cave flow modelling and its requirements</b>                    | <b>MOS Consulting, (online) Australia, Alonso Gonzales</b>  |
| <b>12:00</b> | <b>Lunch break</b>  |   |
| <b>13:00</b> | <b>Deswik.GO in the open pit planning process</b>   | <b>Regional Manager - EMEA &amp; CIS , David Rahal Product Manager – Optimisation and Caving (online), Catherine Mortimer</b>                                   |
| <b>13:30</b> | <b>Mine2Mil practice at Bozshakol mine</b>  | <b>KAZ Minerals Bozshakol, Nurassyl Kairatuly</b>   |
| <b>14:00</b> | <b>Coffee break</b>   |   |
| <b>14:30</b> | <b>Features of the M2M process at Aktogay mine</b>  | <b>KAZ Minerals Aktogay, Timur Sembayev</b>   |
| <b>15:00</b> | <b>Importance of geologic and technological mapping in planning open-pit mining operations (geo-metallurgical modeling)</b> | <b>SRK Consulting Kazakhstan, Dmitry Ermakov</b>  |
| <b>15:30</b> | <b>Transition Case Study from open pit to underground mining using Studio NPVS</b>  | <b>DATAMINE INTERNATIONAL LIMITED, Canada (online), Damian Gregory</b>  |
| <b>16:00</b> | <b>Summarizing the results of the 1st day and closing end of the first day of the forum</b>                                 |   |

**PROGRAM**  
**Mining Forum:**

**Friday, Day 2**  
**November 29, 2024**  
**Almaty city, 22 Satpayev str.**

|             |   |   |
|-------------|---|---|
| 9:00        | Safety Share  |   |
| 9:10        | Automated determination of D&B results  | Satbayev University, PHD,<br>Orynbai Asfandiyar                             |
| 9:35        | Intensification of uranium mining using the ISL method at mines in Kazakhstan           | Satbayev University, PHD,<br>Abdisattar Gulfarizada                         |
| 10:00       | Coffee break  |   |
| 10:15       | Mines of the future: technologies and innovations changing mining operations            | KAZ Minerals, KMM,<br>Alfiya Gabaidulina                                    |
| 10:45       | Horizontal drilling to reduce pore pressure of the pit walls KBL                        | KAZ Minerals Bozshakol,<br>CarlosAlberto ZapataTorres                       |
| 11:15       | ShovelMetrics Gen3 Payloading Monitoring. Case Study                                    | WEIR Motion Metrics, District<br>Manager - Central Asia, Azamat<br>Alibayev |
| 11:45       | Technology to improve operational performance.  | KAZ Minerals Aktogay,<br>Nazerke Sagyndyk                                   |
| 12:15       | Lunch break   |   |
| 13:00       | Maintenance Management: The way to improve the reliability of mining equipment          | KAZ Minerals Bozshakol,<br>Andrey Doronich                                  |
| 13:30       | Application of artificial intelligence in KAZ Minerals                                  | KAZ Minerals, KMM,<br>Bakhtiyar Aigozhiyev                                  |
| 14:00       | Coffee break  |   |
| 14:15       | SRK's approach to long term planning of open pit mining operations                      | SRK Consulting<br>Kazakhstan, Almat Yeleussizov                             |
| 14:45       | Summarizing the results of the 2 st day and closing end of the second day of the forum  |   |
| 15:00-16:00 | Excursion to the O.A. Baikonurov Mining and Metallurgical Institute Satbayev University |   |

**IMPORTANT DATES:**

until November 26, 2024 – registration for participation in the forum.

until November 26, 2024 – provision of full texts of reports.

November 28-29, 2024 – the work of the forum.

**Sincerely, the Organizing Committee of the Forum**