



INFORMATION MESSAGE No. 1

**Ministry of Industry and Construction of the Republic of Kazakhstan
Committee of Industry of the MIC RK
RSE "National Center on Complex Processing of Mineral Raw Materials of the
RPA "Kazakhstan National Academy of Natural Sciences"**

on September 30 – October 1, 2024 are inviting to participate in

the International Scientific and Practical Conference
**"INNOVATIONS AND COMPLEX PROCESSING OF MINERAL RAW MATERIALS
ARE ACTUAL COMPONENTS OF ECONOMIC DIVERSIFICATION"**, dedicated to
the 30th anniversary of RSE "NC CPMRM RK" and
the 15th anniversary of RPA "KazNANS"

Conference venue: Experimental complex RSE "NC CPMRM RK" (Almaty, Krasnogorskaya 71a); Swissôtel Wellness Resort Alatau (Almaty, Tausal 50a)

The purpose of the conference: discussion and development of proposals on conceptual issues of integrated processing of mineral raw materials in the light of modern priorities of the state's scientific and technological policy, contributing to the modernization of the national economy

Organizing Committee of the Conference:

Chairman – Sharlapaev K.B., Minister of Industry and Construction of the Republic of Kazakhstan (Astana, Kazakhstan)

Co-chairman – Panbayev A.S., Chairman of the Committee of Industry of the Ministry of Industry and Construction of the Republic of Kazakhstan (Astana, Kazakhstan)

Co-chairman – Zharmenov A.A., General Director of RSE "NC CPMRM RK", Academician of NAS RK, Doctor of Technical Sciences, Professor (Almaty, Kazakhstan)

Co-chairman – Shkolnik V.S., First Vice-President of the Kazakhstan National Academy of Natural Sciences, Doctor of Physical and Mathematical Sciences, Professor (Astana, Kazakhstan)

Deputy Chairman – Terlikbayeva A.Zh., First Deputy General Director of RSE "NC CPMRM RK", Academician of the IAMR, Doctor of Technical Sciences (Almaty, Kazakhstan)

Chairman of Section 1 – TBA

Co-Chair of Section 1 - Baisanov S.O., Director of the RSE "NC CPMRM RK" "Chemical and Metallurgical Institute n.a. Zh.Abishev" branch, Academician of KazNANS, Doctor of Technical Sciences, Professor (Karaganda, Kazakhstan)

Chairman of Section 2 - TBA

Co–Chair of Section 2 - Shamganova L.S., Head of Geomechanics Department of the RSE "NC CPMRM RK" "Mining Institute n.a. D.A. Kunayev" branch, Corresponding Member of NAS RK, Doctor of Technical Sciences (Almaty, Kazakhstan)

Chairman of Section 3 - Khaumdas A., Consultant of project "Rare earth elements" German-Mongolian Institute for Resources and Technology, Academician of Mongolian National Academy of Engineering Sciences, Candidate of Technical Sciences, Professor

Co-chair of Section 3 – Ananin A.I., Deputy Director of science of the RSE "NC CPMRM RK" VNIItsvetmet branch, Academician of IIA, corresponding member of IEA, Candidate of Technical Sciences (Ust-Kamenogorsk, Kazakhstan)

Scientific Secretary – Yefremova S.V., Head Scientific Secretary of RSE "NC CPMRM RK", Doctor of Technical Sciences, Professor (Almaty, Kazakhstan)

Members of the organizing committee:

Abdibekov N.K., Director of Development of Scientific Competencies Department of RSE "NC CPMRM RK", Candidate of Technical Sciences (Astana, Kazakhstan)

Aitkulov D.K., Scientific Research Department Director of RSE "NC CPMRM RK", Academician of IEA, NEA RK, Doctor of Technical Sciences, Professor (Almaty, Kazakhstan)

Assemov K.M., Managing Director of RSE "NC CPMRM RK" (Almaty, Kazakhstan)

Babenko A.A., Chief Researcher of Institute of Metallurgy, Ural Branch of RAS, Doctor of Technical Sciences (Yekaterinburg, Russia)

Başçetin Ataç, Mining Engineering Department Professor of Mining Faculty, Istanbul Technical University, Doctor of Sciences, Professor (Istanbul, Turkey)

Buktukov N.S., Director of the RSE "NC CPMRM RK" "Mining Institute n.a. D.A. Kunayev" branch, Academician of NAS RK, Doctor of Technical Sciences, Professor (Almaty, Kazakhstan)

Gaishun V.E., Head of Problematic Research Institute of the Advanced Materials, Gomel State University named after F.Skariny, Ph.D., Associate Professor (Gomel, Belarus)

Grigorovich K.V., Head of Laboratory of the "Institute of Metallurgy and Materials Science n.a. A.A.Baykov" of RAS, Academician of RAS, Doctor of Technical Sciences, Professor (Moscow, Russia)

Zhuchkov V.I., Lead Researcher of Institute of Metallurgy, Ural Branch of RAS, Doctor of Technical Sciences, Professor (Yekaterinburg, Russia)

Zayakin O.V., Head of Laboratory of Institute of Metallurgy, Ural Branch of RAS, Doctor of Technical Sciences, Corresponding Member of RAS (Yekaterinburg, Russia)

Zeinullin A.A., Vice-President of the Kazakhstan National Academy of Natural Sciences, Doctor of Technical Sciences, Professor (Astana, Kazakhstan)

Ixtiyarova G.A., Director of the Center for Retraining and Advanced Training of Teaching Staff of Tashkent State Technical University n.a. I. Karimov, Doctor of Chemical Sciences, Professor (Tashkent, Uzbekistan)

Karimov K.A., Scientific Council Chairman for Awarding Academic Degrees, Professor of Theoretical Mechanics, Theory of Mechanisms and Machines Department, Tashkent State Technical University n.a. I. Karimov, Doctor of Technical Sciences, Professor (Tashkent, Uzbekistan)

Kovalenko D.L., Dean of Physics and Information Technologies Faculty, Gomel State University n.a. F. Skaryna, Candidate of Physical and Mathematical Sciences, Associate Professor (Gomel, Belarus)

Kozhogulov K.Ch., Director of the Institute of Geomechanics and Subsoil Development of NAS KR, Academician of NAS KR, Doctor of Technical Sciences, Professor (Bishkek, Kyrgyzstan)

Leontiev L.I., Editor-in-chief of the "News of higher educational institutions. Ferrous Metallurgy" Journal, Academician of RAS, Doctor of Technical Sciences, Professor (Moscow, Russia)

Mogi Gento, Deputy Director of MbSC2030 (Saudi Center), Joint-Chair, Presidential Endowed Chair for Global Solar+ Initiative, Institute for Innovation in International Engineering Education (concurrently), Department of Technology Management for Innovation, School of Engineering, The University of Tokyo, Doctor of Engineering Sciences, Professor (Tokyo, Japan)

Musingwini Cuthbert, Professor and Head of School (SAIMM Past President), School of Mining Engineering, University of PhD, Professor (Johannesburg, South Africa)

Rakhanov M.S., Chairman of the Board of Trustees of the Kazakhstan Association of Alumni of UPI, USU and UrFU, Candidate of Economical Sciences (Almaty, Kazakhstan)

Roshchin V.E., Head of Pyrometallurgical Processes Department, South Ural State University, Doctor of Technical Sciences, Professor, Honored Scientist of Russian Federation, Honorary Metallurgist of the Russian Federation (Chelyabinsk, Russia)

Sarmurzina R.G., Chairman of the Council of the Association of Producers and Consumers of Petrochemical Products, Doctor of Chemical Sciences, Professor, Academician of KazNANS (Astana, Kazakhstan)

Satbayev B.N., Director of the RSE "NC CPMRM RK" Astana branch, Doctor of Technical Sciences, Professor (Astana, Kazakhstan)

Startsev I.V., Director of the RSE "NC CPMRM RK" Vniitsvetmet branch (Ust-Kamenogorsk, Kazakhstan)

Turabdjanov S.M., Rector of Tashkent State Technical University n.a. I. Karimov, Doctor of Chemical Sciences, Professor (Tashkent, Uzbekistan)

Turakhodjaev N.D., Head of Foundry Technologies Department, Tashkent State Technical University n.a. I. Karimov, Doctor of Technical Sciences, Professor (Tashkent, Uzbekistan)

Hein Jü., CEO of ICMD HOLDING AG (Hanover, Germany)

Chirchikbayev B.A., Chief Executive Officer of JSC "NMC "Tau-Ken Samruk" (Astana, Kazakhstan)

Shalgymbayev S.T., Director of the RSE "NC CPMRM RK" Kazmekhanobr SSPAIE branch, Candidate of Chemical Sciences (Almaty, Kazakhstan)

The Conference includes (Programme attached):

1. Launch of:

- **Ammonium perrhenate production site from lead cakes of copper production;**
- **First stage of production of silicon-carbon nanocomposite obtained from rice husk.**

2. Plenary meeting.

3. Sectional sessions:

- **Section 1. Commercialization of scientific and technical results – priority of New Kazakhstan.**
- **Section 2. Industry 4.0 in mineral resources complex.**

- **Section 3. New technologies of extraction and processing of mineral resources.**
- 4. Bilateral negotiations of the Conference participants.**
- 5. Extended meeting of the Board of the Kazakhstan Association of USTU, USU and UrFU graduates, dedicated to the 10th anniversary of the Association of USTU, USU and UrFU graduates.**

Working languages of the Conference: Kazakh, Russian, English.

Form of participation in the Conference: in person, in absentia.

Participation format and types of presentations: oral plenary and sectional reports; correspondence reports (publication).

Time allotted for an oral presentation: plenary – 15 minutes, sectional – 10 minutes.

Conference materials: By the beginning of the conference, Volume 2 of the Conference Proceedings will be published in electronic format with an ISBN assigned for the electronic publication with a download link provided.

The contents of Volume 1 of the Conference Proceedings can be found at the link:
https://cmrp.kz/images/stories/conference/2023/Sbornik_Innovacii_1_tom_2023.pdf

Preparation and provision of presentation materials for reports: Presentation materials for plenary and sectional reports are to be prepared in .ppt format (16/9 widescreen slide size) and sent **by September 27, 2024** to the email address 30cmrp@gmail.com or provided on a flash drive before the start of the corresponding meeting.

Important dates of the conference:

September 24, 2024

- **deadline for accepting applications** for adjustments and making changes and additions to the Conference Program

September 30 – October 1, 2024

- **body** of the conference

Participation in the conference is free of charge. Accommodation and travel expenses are paid by Conference participants themselves.

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