

**INFORMATIONAL MESSAGE**

**On April 12, 2022,** the Kazakh National Research Technical University named after K.I. Satbayev (Satbayev University) will host the International scientific and practical conference **"SATBAYEV CONFERENCE - 2022. TRENDS IN MODERN SCIENTIFIC RESEARCH".**

Students, undergraduates, doctoral students and young scientists are invited to participate in Satpayev conference.

**Venue:** Almaty, Satpayev str., 22, KazNRTU named after K.Satpayev (Satbayev University)

The work of the Satbayev conference is carried out in the following areas:

1. Earth Sciences;

2. Topical issues of biotechnology, chemical technology and environmental protection;;

3. Energy and mechanical engineering;

4. Mining;

5. Geospatial digital technologies;

6. Emerging technologies in ICT;

7. Problems and prospects for the development of architecture and construction engineering in modern conditions;

8. Business development management, project management and logistics;

9. Modern trends in teaching basic disciplines in the era of digital transformation;

**The materials of the reports** submitted to the conference should contain the results of relevant scientific research or have important practical significance.

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

**Form of participation:** full-time and part-time.

**The publication of the proceedings** is planned after the conference in electronic form on the university's website. Materials with a volume of at least 4 pages should be designed in accordance with the requirements (Appendix 1) and sent to the appropriate section of the conference by e-mail (Appendix 2).

**The Organizing Committee** reserves the right to reject reports that do not meet the requirements on formal grounds.

**The texts of the reports are accepted to the e-mail addresses by sections.** The chairman and secretary of the section are responsible for reviewing and selecting reports in the collection (Appendix 2).

IMPORTANT DATES!

**March 31, 2022 - the end of the acceptance of the texts of reports for the conference.**

**APPENDIX 1**

**REQUIREMENTS FOR SUBMISSION OF MATERIALS TO THE CONFERENCE**

**The following requirements are imposed on the design of reports:** The volume of the article, including a list of references, tables and figures with captions, annotations, **at least 4 pages** of printed text. The maximum number of pages should not exceed 8 pages of printed text. The file name must begin with the surname of the first author in Latin (for example, Ivanov.doc (rtf)); The pages of the report should be numbered.

The title of the report should be succinct and accurately determine the essence of the material, then the initials and surname of the author(s), information about the authors (place of work, country, city, ORCID) are indicated.

The "\*" sign marks the author for correspondence.

**The abstract** is given at the beginning of the text in the language in which the report was prepared (100-150 words). The abstract is a summary of the content of a scientific work, giving a generalized idea of its topic and structure.

**Keywords** should provide the most complete disclosure of the content of the report, 5-7 keywords /phrases.

The text must be typed in the Word program of any version, sent by e-mail to the secretary of the specifically selected section. The font of the text is Times New Roman, A4 paper size (210\*297 mm), the size of the pin is 12 pt. The line spacing is single. Width alignment. Paragraph indentation - 0.8 cm. Fields top - 2, bottom - 2, left - 2, right - 2. In tables, figures, formulas there should be no discrepancies in the designation of symbols, signs. Drawings should be clear, clean. There should be references to figures and tables in the text. In the test, the number of formulas should be minimal. Formulas should be typed in the appropriate editor (for mathematical and chemical formulas). Tables should be titled, it is not allowed to have empty graphs in them. Abbreviations and symbols should be explained in the note.

If available, you can specify **gratitude** (Acknowledgements).

**The list of references** is drawn up in accordance with GOST 7.1-2003 "Bibliographic record. Bibliographic description. General requirements and rules of compilation".

**The summary** in Kazakh and Russian (if the article is written in English) should consist of the title of the article, the full name of the author(s), abstract and keywords.

**Schematic example of article design**

In the center are given:

**Title of the article**

**Initials and surname of the author (e.g.: I.V. Ivanov, S.P. Krylov)**

The full name of the institution that the author represents (indicating the country and city). If the authors are from different institutions, then the correspondence between the author and the institution is established by superscript indexes, for example, I.V. Sadykov1, S.P. Krylov2. After the index is indicated by the hyperlink ORCID.

1Satbayev University, Kazakhstan, Almaty

2The Institute of Combustion Problems, Kazakhstan, Almaty

\*The author's email address for correspondence.

**Abstract.**

**Keywords.**

**Article teхt.**

**Gratitude (if any).**

**Literature.**

At the end of the article there is a translation in the other two languages (in turn): the title of the article, the full name of the author (s), abstract and keywords (font size is 2 pins smaller than the main one)

* - it is necessary to make a hyperlink to ORCID

**APPENDIX 2**

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| --- | --- | --- |
| **Direction** | **Section title** | **Secretary** |
| **EARTH SCIENCES** | Oil and gas and ore geophysics. Modern scientific problems and practical tasks. Methods of registration, processing, interpretation and modeling of geophysical data. | **Assirbek Nazerke Assirbekqyzy,**  2-nd year doctoral student, lecturer  tel.: +7 776 208 45 15, int.: 7157  e-mail: [n.assirbek@satbayev.university](mailto:n.assirbek@satbayev.university)  [nazeio@mail.ru](mailto:nazeio@mail.ru)  office 523 GUK |
| Modern technologies in the processes of drilling, extraction, collection and transportation of oil and gas | **Suieubayeva Botakoz,**  master of technical sciences, Engineer of the department PE  tel.: +77780090198  [b.suieubayeva@satbayev.university](mailto:b.suieubayeva@satbayev.university)  office 808 NK |
| Hydrogeology, Engineering and Oil and Gas Geology | **Smabaeva Raigul Kulbekovna,**  Engineer of the Department "Hydrogeology, Engineering and Oil and gas Geology"  tel.: int:7154, +77751157269  e-mail: [r.smabayeva@satbayev.university](mailto:r.smabayeva@satbayev.university)  office 409 GUK |
| Current problems of geology and replenishment of the mineral resource base of Kazakhstan | **Mukhamediyarova Nessipzhan**,  Engineer of the department of “Geological Survey, Prospecting and Exploration of Mineral Deposits”  tel. +77787436540  e-mail: [n.mukhamediyarova@satbayev.university](mailto:n.mukhamediyarova@satbayev.university)  office 439 GUK |
| **TOPICAL ISSUES OF BIOTECHNOLOGY,CHEMICAL TECHNOLOGY AND ENVIRONMENTAL PROTECTION** | Topical issues of biotechnology, chemical technology and environmental protection | **Kenzhebayeva Bibigul Aivarkyzy,** Assistant of the Department of Chemical and Biochemical Engineering,  tel.: +77789901867  e-mail: [b.kenzhebaeva@satbayev.university](mailto:b.kenzhebaeva@satbayev.university)  office 1031 GUK |
| **ENERGY AND MECHANICAL ENGINEERING** | Problems and development prospects of energy in Kazakhstan | **Balgayev Nurzhan Ergenovich**,  PhD, Assistant Professor of the Department of "Energy"  tel: 7049, +77773819247  e-mail: [n.balgayev@satbayev.university](mailto:n.balgayev@satbayev.university)  office 50 MMC |
| Innovative equipment and technologies of mining and metallurgical, oil and gas and transport industries | **Zhumadilova Aizhan Sakbekkyzy,** lecturer of the Department "Technological machines and Transport"  tel.: int: 7159, mob: +7 747 1568811,  e-mail: [a.zhumadilova@satbayev.university](mailto:a.zhumadilova@satbayev.university)  office 702 NK |
| Technological equipment and new technologies in mechanical engineering | **Kulsugurova Dinara Ruslanovna,**  Master, tutor of the Department "Mechanical Engineering, Standardization, Certification and Metrology"  tel.: ext.tel. 71-68, mob. +7 7473699275  e-mail: [dinarakulsugur27@gmail.com](mailto:dinarakulsugur27@gmail.com)  office 205 IMS |
| **MINING** | Mining engineering | **Meiram Gulden Maratkyzy,**  Engineer of the Mining Department  tel.: +7 7475320191  e-mail: Gulden07041998@mail.ru  g.meiram@satbayev.university  office 241 GMK |
| **GEOSPATIAL DIGITAL TECHNOLOGIES** | Geospatial Digital Technologies | **Telman Tumarym Maulenkyzy,**  Engineer of the Department "Surveying and Geodesy"  tel.: +7 7054945634  e-mail: telman.tumarim@gmail.com  [t.telman@satbayev.university](mailto:t.telman@satbayev.university)  office 245 GMK |
| **EMERGING TECHNOLOGIES IN ICT** | Telecommunications and space technologies | **Sabibolda Akezhan,**  M. T. N., Assistant of the Department of "Electronics, Telecommunications and Space Technologies"  tel.: +7 707-955-53-19  e-mail: a.sabibolda@satbayev.university  office 149 MMC |
| Automation and robotization | **Zhanabayeva Elmira Zhengiskyzy,**  Master of technical sciences, Engineer of the Department "Automation and Control"  tel.: +77007131353  e-mail: [e.zhanabayeva@satbayev.university](mailto:e.zhanabayeva@satbayev.university)  office 701 GUK |
| Applications of artificial intelligence, machine learning and information systems | **Yerimbetova Aigerim Sembekovna,**  PhD, Candidate of Technical Sciences, Associate Professor of the Department of "Software Engineering"  tel.: +7 701 583 33 02  e-mail: a.yerimbetova@satbayev.university  office 1021 GUK |
| **PROBLEMS AND PROSPECTS FOR THE DEVELOPMENT OF ARCHITECTURE AND CONSTRUCTION ENGINEERING IN MODERN CONDITIONS** | Actual problems in Architecture and Design | **Kozhakhmetov Adilet Yerboluly,**  Lecturer of the Department of Architecture  tel.: +7 702 978 78 03  e-mail: [a.kozhakhmetov@satbayev.university](mailto:a.kozhakhmetov@satbayev.university)  office 505 IMS |
| Actual issues and innovations in engineering systems and industrial safety | **Kanarbay Assel Usenovna,**  Master of technical sciences., assistant of the Department "Engineering systems and networks"  tel.: +7 7472236166  e-mail: [a.kanarbay@satbayev.university](mailto:a.kanarbay@satbayev.university)  office 208 MUK |
| The practice of applying new standards in the field of construction and building materials | **Kisabayeva Assel Erlanovna,**  M.T.N., Assistant of the Department of "Construction and Building Materials"  tel.: +7 707 888 79 27  e-mail: a.kissabayeva@satbayev.university  office 211 MUK |
| Development prospects in transport construction | **Aitmukhanova Perizat Meiramovna,** Candidate of Technical Sciences, Assistant Professor of the Department "Construction and Building Materials"  tel.: +7 701 191 21 02  e-mail: aitmuhanova-perizat@mail.ru  office 303 MUK |
| **BUSINESS DEVELOPMENT MANAGEMENT, PROJECT MANAGEMENT AND LOGISTICS** | Modern aspects of the development of logistics and supply chain management | **Tolkynbek Nazerke,**  Manager of the Department of Logistics, Master of Economics,  tel. +7 708 307 0778  e-mail: [n.tolkynbek@satbayev.university](mailto:n.tolkynbek@satbayev.university)  office 401 GUK |
| Business development through projects | **Orumbassarova Ainura**,  Manager of the department "Management and Mathematical Economics"  tel.+77753402649  e-mail: [A.orumbassarova@satbayev.university](mailto:A.orumbassarova@satbayev.university) , tel.+77753402649  office 404 GUK |
| **MODERN TRENDS IN TEACHING BASIC DISCIPLINES IN THE ERA OF DIGITAL TRANSFORMATION** | Actual problems of the humanities in the face of modern challenges | **Esbergenova Gulnur Bakitbekovna,**  M.S.S., senior lecturer of the Department of "Social Disciplines"  tel.: +7 7009964256  email: [g.yesbergenova@satbayev.university](mailto:g.yesbergenova@satbayev.university)  office 814 GUK |
| Language teaching at a Technical University: Innovative Approaches and Effective Practices | **Sartbayeva Eleonora Kurmangalievna**  Eleonora Kurmangalievna Sartbaeva,  Senior Lecturer of the English Language  Department  tel.: +7 747 47 888 75  e-mail:e.sartbayeva@satbayev.university  office 823 GUK |
| Problems and methods of teaching mathematics and physics | **Azhibekova Aliya Saparbekovna,**  Senior Lecturer of the Department of Higher Mathematics  tel.: +7 7014298455  e-mail: a.azhibekova@satbayev.university  office 801 GUK  **Shaikenova Altynai Amantayevna**  M.T.S., lecturer of the Department of General Physics tel.: +7 701 128 3887  e-mail: a.shaikenova@satbayev.university |