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|  | **VIII - International Scientific Conference**  **«** **Computer Science and Applied Mathematics»**  *Almaty, from October 26 to 27, 2023* |

*Call for papers*

***Dear colleagues!***

The Institute of Information and Computational Technologies CS MSHE RK, jointly with Al-Farabi Kazakh National University, Kazakh National Research Technical University named after K.I.Satpayev (Satbayev University), International University of Information Technologies, Turan University, Lublin Technical University (Lublin, Poland), is holding in Almaty from **October 26 to 27, 2023**, **the VIII - International Scientific Conference "Computer Science and Applied Mathematics"** dedicated to the memory of the famous the scientist, the founder of the Kazakh school of cryptography, Doctor of Technical Sciences, **Professor Rustem Gakashevich Biyashev**, and invites you to take part in this event.

**CONFERENCE DIRECTIONS**

1. Modern problems of applied mathematics, computer science, and control theory. Modeling and optimization of complex systems and business processes.

2. Information and telecommunication technologies. Data transmission systems and networks. Internet technologies. Cloud technologies. Parallel computing. Distributed computing. Supercomputer and cluster systems. Big-data processing. Geographic information systems and technologies. Innovative educational technologies.

3. Artificial intelligence technologies: Intelligent control systems. Speech technologies and computational linguistics. Pattern recognition and image processing. Bioinformatics and biometric systems. Human-machine interaction. Machine learning. Intelligent robotic systems.

4. Information security and data protection: Software and hardware means of information protection. Cryptography. Mathematical methods of ensuring information security of complex systems.

**The purpose of the conference** is to discuss topical problems in the field of computer science and applied mathematics. The conference provides an opportunity to bring together scientists using advanced scientific achievements to solve applied problems, provide an opportunity for international exchange of experience, generation of new ideas and advanced training of scientific youth.

**The target audience** of the event is scientists, master's students, doctoral students of the Republic of Kazakhstan, and near and far abroad countries.

**CONDITIONS OF PARTICIPATION IN THE CONFERENCE**

**To register as a participant in the Conference "Computer Science and Applied Mathematics", you need to register on the website:** [**https://conf.iict.kz**](https://conf.iict.kz/)**, materials for publication should be sent to: conf2023@ipic.kz**

Applications for participation and reports for the conference "Computer Science and Applied Mathematics" are accepted until September 30, 2023 (inclusive).

The authors of the reports should also attach materials prepared in accordance with the requirements for registration. For the collection of proceedings of the IIСT conference, articles are adopted with a volume of 5-6 pages in Kazakh or Russian (format template on the website). Also, these articles will be published in the journals: Bulletin of KazNU series "Mathematics, Mechanics, Computer Science" and "Problems of Computer Science" IVM and MG (Siberian Branch of the Russian Academy of Sciences). For a special issue in journals included in the Scopus and Web of Science databases, articles are accepted in English (template design on the website) in the standard design for Scopus and Clarivate Analytics. The publication of articles is planned following the results of the conference.

The reports received by the Organizing Committee no later than **September 30, 2023**, will be published in electronic form in the collection of materials before the conference (template design on the website).

**The official languages of the conference** are Kazakh, Russian, and English.

**The registration fee:** for students – 5000 KZT, undergraduates – 10,000 KZT, doctoral students – 15,000 KZT, researchers and teaching staff – 25,000 KZT, foreign participants – 60 USD.

**Requisites:**

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**CONFERENCE VENUE, CONTACT NUMBERS**

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