

## FIRST ANNOUNCEMENT



**VIII International conference  
«MATHEMATICS, ITS APPLICATIONS  
AND MATHEMATICAL EDUCATION» (MAME23)  
June 26 – July 1, 2023  
Ulan-Ude – Baikal**

*The Ministry of Science and Higher Education of the Russian Federation, East Siberia State University of Technology and Management, Keldysh Institute of Applied Mathematics, Buryat State University, Irkutsk State University, Mongolian University of Science and Technology, Federal Research Center "Computer Science and Management" of the Russian Academy of Sciences* organize the VIII International Conference MAME23 (<http://www.confname.ru>).

### PROGRAM COMMITTEE

Co-chairs:

Aptekarev A.I. (Russia, Moscow)  
Mizhidon A.D. (Russia, Ulan-Ude)  
Falaleev M.V. (Russia, Irkutsk)

Committee members:

Antonova L.V. (Russia, Ulan-Ude), Antipin A.S. (Russia, Moscow), Afendikov A.L. (Russia, Moscow), Arguchintsev A.V. (Russia, Irkutsk), Aida-Zade K.R. (Azerbaijan, Baku), Balandin D.A. (Russia, Nizhny Novgorod), Bokhoeva L.A. (Russia, Ulan-Ude), Budnyam S. (Mongolia, Ulaanbaatar), Bulatov M.V. (Russia, Irkutsk), Buldaev A.S. (Russia, Ulan-Ude), Bushenkov V.A. (Portugal, Evora), Vandandoo W. (Mongolia, Ulaanbaatar), Gozbenko V.E. (Russia, Irkutsk), Dubinsky Yu.A. (Russia, Moscow), Zhukov V.T. (Russia, Moscow), Kuzmin O.V. (Russia, Irkutsk), Kozhanov A.I. (Russia, Novosibirsk), Lakeev A.V. (Russia, Irkutsk), Naykhanova L.V. (Russia, Ulan-Ude), Ni Ming Kang (China, Shanghai), Novikov D.A. (Russia, Moscow), Ochirbat B. (Mongolia, Ulaanbaatar), Popkov Yu.S. (Russia, Moscow), Sesekin A.N. (Russia, Ekaterinburg), Srochko V.A. (Russia, Irkutsk), Strekalovsky A.S. (Russia, Irkutsk), Tarasyev A.M. (Russia, Ekaterinburg), Todorov M.I. (Mexico, Puebla), Finogenko I.A. (Russia, Irkutsk), Chetverushkin B.N. (Russia, Moscow), Shalbuev D.V. (Russia, Ulan-Ude), Shirapov D.S. (Russia, Ulan-Ude), Enkhbat R. (Mongolia, Ulaanbaatar), Yachimovich M. (Montenegro, Podgorica), Lijun Zhang (China, Shandong); Yu Tian (China, Beijing); Wu Limeng (China, Qinhuangdao).

## TOPICS OF THE CONFERENCE

1. Optimization methods and optimal control
2. System analysis and modeling
3. Applications of algebra and analysis
4. Differential equations and calculation methods
5. Actual problems of mathematical education

Sections within scientific areas will be determined after consideration and adoption of reports.

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

**Conference venue:** The conference will be held in picturesque place on the shore of Lake Baikal. The venue is recreation center of East Siberia State University of Technology and Management "Rovesnik" (Barguzin Bay, Maksimikha).

The **registration fee** is \$100, for students - \$60, for accompanying person - \$50,

### **Publications:**

Extended abstracts of reports will be published before the conference and subsequently indexed at the RSCI.

Extended versions of reports presented at the conference will be considered for publication in journals:

- 1) "The Bulletin of Irkutsk State University. Series Mathematics." (indexed in SCOPUS and Web of Science (ESCI)). <http://mathizv.isu.ru/ru>
- 2) "Mathematical Models and Computer Simulations" (indexed in SCOPUS). <https://keldysh.ru/e-biblio/mmod.htm>
- 3) "BSU bulletin. Mathematics, Informatics" (included in the list of Higher Attestation Commission). <http://vestnikmi.bsu.ru/?eng>
- 4) Journal of Mathematical Sciences (indexed in SCOPUS). [http://www.mathnet.ru/php/journal.phtml?jrnid=into&option\\_lang=rus](http://www.mathnet.ru/php/journal.phtml?jrnid=into&option_lang=rus)
- 5) "Proceedings of the Institute for System Analysis of the Russian Academy of Sciences" (included in the list of Higher Attestation Commission) <http://www.isa.ru/proceedings/>

### **To participate in the conference:**

1. **To February 15, 2023** register on the site (<http://www.confname.ru>). Abstract must contain no more 600 characters (no formulas or mathematical notations are allowed).
2. After notification of acceptance send the full paper to 3 pages in format A4 **to April 15, 2023** (requirements for paper preparing you can find on the conference site <http://www.confname.ru>).
3. To pay registration fee upon arrival.

**For more information and help please contact to the Organizing Committee MAME23.**

**E-mail of the Organizing Committee:** [conf\\_mame@mail.ru](mailto:conf_mame@mail.ru)

**Telephone numbers:** Minullina Elena Valentinovna (tel. +7924657-15-34)

Petrova Svetlana Semyonovna (tel. +7902563-39-91)

**Detailed information and news on the conference site:** <http://www.confname.ru>

Chair of the Organizing Committee  
Arsalan D. Mizhidon