



International Conference
ENERGY SYSTEMS RESEARCH (ESR-2023)
September 11-15, 2023, Irkutsk, Russia
<http://isem.irk.ru/esrconf>

Dear colleagues,

We invite you to take part in the international Conference "Energy Systems Research" to be hosted by [Melentiev Energy Systems Institute of Siberian Branch of the Russian Academy of Sciences](http://isem.irk.ru) on September 11-15, 2023, in Irkutsk (near Lake Baikal).

The Conference aims to provide a comprehensive discussion on the fundamental issues of sustainable development of global and regional energy in the context of global challenges. The Conference is supposed to be attended by the world's leading scientists and experts in the field of energy, who will make their reports at the plenary and breakout sessions.

The main topics of the Conference include:

- Sustainable energy development in the context of technological transformation and global challenges
- International energy cooperation, interstate energy interconnections
- Energy security, energy markets, and energy policy
- Management of the energy system development and operation
- Smart energy systems, cybersecurity
- Integrated energy systems
- Reliability and quality of energy supply
- Environmental challenges of the energy sector
- Innovative energy technologies, renewable energy sources, hydrogen and nuclear energy
- Systems analysis, mathematical modeling, computational methods, and information technologies in the energy sector

Abstracts (application) are to be submitted in English or Russian in an electronic form through the Conference website. Both in-person and virtual presentations are possible at the Conference. Working languages are English and Russian.

Program committee

- **V.A. Stennikov**, chairman, Director of Melentiev Energy Systems Institute SB RAS, academician of RAS, Russia
- **S.V. Alekseenko**, academician of the Russian Academy of Sciences, Kutateadze Institute of Thermophysics SB RAS, Novosibirsk, Russia
- **Batmunkh Sereeter**, academician of the National Academy of Sciences, Ulaanbaatar, Mongolia
- **Bat-Erdene**, professor, Institute of Energy Economy, Ulaanbaatar, Mongolia
- **E.P. Volkov**, Chairman of the Scientific Council of RAS on Complex Problems of Energy Development, academician of RAS, Russia
- **V.A. Kryukov**, Director of the Institute of Economics and Industrial Engineering SB RAS, academician of RAS, Russia
- **A.A. Makarov**, Academic Supervisor, Energy Research Institute RAS, academician of RAS, Russia
- **A.M. Mastepanov**, professor, Gubkin University of Oil and Gas, Russia
- **A.A. Mikhalevich**, Scientific Advisor of Institute of Energy NAS of Belarus, academician of NASB, Republic of Belarus
- **Pang Chang Wei**, professor, China University of Petroleum, Beijing, China
- **S.V. Podkoyalnikov**, Deputy Director of Melentiev Energy Systems Institute SB RAS, Russia
- **B.G. Saneev**, Scientific Advisor of Melentiev Energy Systems Institute SB RAS, Russia
- **S.M. Senderov**, Deputy Director of Melentiev Energy Systems Institute SB RAS, Russia
- **Yu.P. Sentyurin**, Ambassador at Large for the Ministry of Foreign Affairs of the Russian Federation, Russia
- **S. P. Filippov**, Director of the Energy Research Institute of RAS, academician of RAS, Russia
- **N.A. Yusifbayli**, Vice-rector of Academic Affairs of Azerbaijan Technical University, Azerbaijan
- **S.P. Filippov**, academician of the Russian Academy of Sciences, Energy Research Institute RAS, Moscow, Russia
- **V.Yu. Khomich**, academician of the Russian Academy of Sciences, Moscow, Russia

Conference sessions

Session 1. Transforming smart energy systems.

Session 2. Promising energy technologies: environmentally friendly and resource-saving energy, renewable energy sources.

Session 3. Interstate energy interconnections, global energy interconnection.

Session 4. Eastern vector of Russia's energy strategy: challenges, a look into the future.

Session 5. Reliability of fuel and energy supply to consumers, energy security.

Session 6. Power quality.

Important dates of the Conference

July 1, 2023	Abstract submission deadline
August 1, 2023	Author notification deadline
September 1, 2023	Participant registration deadline, paper submission deadline
September 11-14, 2023	Workdays of the Conference
September 15, 2023	A day for round tables, discussions, an excursion program

Proceedings and registration

Articles of the conference participants will be published in the conference proceedings (indexed in Scopus). The high-quality papers will be selected for publication in the “Energy Systems Research” international peer-reviewed journal (<http://esri.ru>). Publication of the article is possible only when participating in the conference with the presentation of the report.

Organization fee for online participation in the conference is free. Publication fee in the conference proceedings (indexed in Scopus) is 150 euros. Publication of selected high-quality papers in “Energy Systems Research” journal is free. For on-site participants an excursion trip to Lake Baikal will be organized (paid separately).

Organizing Committee and contacts

Chair Valery A.Stennikov, Academician of RAS, Director of MESI SB RAS

Vice-chairs Sergey V.Podkovalnikov, Dr.Eng.
Boris G.Saneev, Dr.Eng.
Sergey M.Senderov, Dr.Eng.

Scientific Secretaries:

Daria A.Gaskova, Ph.D., gaskovada@isem.irk.ru
Svetlana Yu. Pavlova, tel.: +7 (3952) 500646, ext. 207

E-mail: esr_conf@isem.irk.ru

Fax: +7 (3952) 426796

Address: MESI SB RAS, 130 Lermontov St., Irkutsk, 664033, Russia

<http://isem.irk.ru/esrconf>

