



## INFORMATION LETTER No. 1

**Dear colleagues**

We would like to invite you to the First International School-Conference for Young Scientists **"Ionic Conductors: from Modeling to Experiment" (ICME)**, which will take place from 1 to 4 October 2024 at Samara State Technical University. This event is dedicated to discussing the most significant aspects of solid-state ionics. During the conference, presentations will be made by Russian and foreign scientists from various fields of electrochemical energy storage science. Additionally, there will be afternoon exercise sessions to model the conductive properties of various materials. We cordially invite you to attend this event and to contribute to the discussion on important topics in solid-state physics.

### TOPICS FOR DISCUSSION:

- Issues in the creation and development of electrochemical energy storage systems
- The synthesis and properties of new solid-state ionic conductors
- The electrode-electrolyte interface
- Methods for modeling conductivity in solid materials

### CONFERENCE SECTIONS:

**Section 1.** Fundamental and applied aspects of the creation of new electrochemical energy storage and conversion systems.

**Section 2.** Synthesis and properties of new materials for energy storage and conversion systems.

**Section 3.** Interfacial reactions at electrode/electrolyte boundary.

**Section 4.** Theoretical methods for predicting ionic conductivity in solids.

**Poster session with presentations by young researchers (in-person participation only).**

The conference will be held at the lecture hall "Boiling Point" located on the campus of Samara State Technical University in Samara. The address is 14 Novo-Sadovaya Street, Samara.

### IMPORTANT DATES

**25 March 2024** — Opening of the conference website;

**25 March 2024** — Start of the registration of participants and submission of abstracts;

**1 July 2024** — The deadline for registration and submission of abstracts;

**15 July 2024** — Announcement of the conference program;

**1 August 2024** — The deadline for registration fee;

**1-4 October 2024** — ICME-2024 conference.

### PROGRAM COMMITTEE

Conference Chair

Blatov V.A. - Samara State Technical University, Russia;

Committee members

Abakumov A.M. – Skoltech, Russia;

Animitsa I.E. - Ural Federal University, Russia;

Antipov E.V. – Moscow State University, Russia;

Golov A.A. – CIC energiGUNE, Spain;

Ivanov-Schitz A.K. – MGIMO, Russia;  
Leisegang T. - TU Bergakademie Freiberg, Germany;  
Nemudry A.P. - ISSCM SB RAS, Russia;  
Nenashev M.V. - Samara State Technical University, Russia;  
Piiir I.V. - Institute of Chemistry, FRC Komi Science Center, UB RAS, Russia;  
Singh R.K. - Banaras Hindu University, India;  
Zhylynski V.V. - Belarusian State Technological University, Belarus.

#### **FORMS OF PARTICIPATION IN THE SCHOOL-CONFERENCE:**

Both in-person and online form of participation. Participation with a poster presentation is possible only in person, with an oral presentation – in person or remotely. Participation in exercise sessions is only possible with in-person attendance (please ensure you bring a laptop).

The registration page is available at: <https://samgtu.ru/icme/registration>.

Requirements for abstracts can be found in the conference's template on the website: <https://samgtu.ru/icme/conditions/>. Abstracts should be submitted by email to the organizing committee at [icme2024@batterymaterials.info](mailto:icme2024@batterymaterials.info) with the subject line: "ICME 2024 – participant's full name".

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If you have any questions about the conference, please do not hesitate to contact us by e-mail: [\*\*icme2024@batterymaterials.info\*\*](mailto:icme2024@batterymaterials.info).

Yours faithfully, organizing committee of the First International School-Conference for Young Scientists "**Ionic Conductors: from Modeling to Experiment**" (ICME).