



**XVIII Russian Conference
“Physical Chemistry and
Electrochemistry of Molten
and Solid State Electrolytes”
(with international participation)**



**21–25
September
2020**

**Elbrus village,
Kabardino-
Balkarian
Republic,
Russia**



**E-mail: fcee2020@mail.ru
Web: <https://eng.kbsu.ru/pcee2020/>**

XVIII Russian Conference “Physical Chemistry and Electrochemistry of Molten and Solid State Electrolytes” (with the international participation)

Dear colleagues!

The organizing committee is delighted to welcome you to XVIII Russian Conference «Physical Chemistry and Electrochemistry of Molten and Solid State Electrolytes» (with international participation), Kabardino-Balkarian Republic, Nalchik, **21st – 25th September 2020**.



KEY DATES

17th February 2020 – Registration and Abstract Submission Open

30th April 2020 – Registration and Abstract submission Deadline

20th May 2020 – Notification of Abstract Acceptance

1st August 2020 – Payment of the Registration Fee

1st September 2020 – 1st November 2020 – Manuscript submission

21st September – 25th September – Conference Dates

CONFERENCE ORGANIZERS

- Kabardino-Balkarian State University named after H.M. Berbekov, Nalchik
- Ural Federal University named after First President of Russia B.N. Yeltsin, Yekaterinburg
- Institute of High-Temperature Electrochemistry, Ural Branch of the Russian Academy of Sciences, Yekaterinburg

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TOPICS

- Structure, physical and chemical properties, thermodynamics and modelling of molten and solid state electrolytes
- Electrochemical properties of interfaces; kinetics of electrode processes in the systems with molten and solid state electrolytes, corrosion.
Ionic transfer in the molten, solid and polymer electrolytes, ionic liquids, and electrolyte solutions.
- Fundamental and applied research in the electrochemical energy production (chemical power sources, fuel cells and other electrochemical devices)
- Synthesis and properties of new functional materials, including nanomaterials.
- Scientific aspects of electrochemical technologies (electrolysis, electrohydrometallurgy, processing of natural and technogenic materials, including radioactive materials).
- A workshop for Young Scientists devoted to the actual problems of studying molten and solid state electrolytes as well as a round table on the theme «Electrochemical Technologies for Spent Nuclear Fuel Processing» will be held within the framework of the Conference.

REGISTRATION FEE

Conference participants – **4000 rubles**

Bachelors, Magister Students and PhD Students – **2000 rubles**

Distance participation in the conference – **1000 rubles**

Registration fees include expenses on the organization of the conference, publication of conference materials, rent of premises and transport, as well as organization of cultural events.

CONTACTS

Contacting office in Yekaterinburg

The Institute of High Temperature Electrochemistry of the Ural Branch of the Russian Academy of Sciences (IHTE UB RAS).

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Scientific Secretary of the conference: Oksana Rakhmanova, oksana_rahmanova@mail.ru

Contacting office in Nalchik

Kabardino-Balkarian State University named after H.M. Berbekov

Postal address: Chernyshevsky St., 173, Kabardino-Balkarian Republic, Nalchik, 360004, Russia.

Local Secretary of the conference: Zalina Zhanikaeva, zhanikaevaz@mail.ru

To take part in the Conference, please fill in Registration Form available on the Conference Web Site <https://eng.kbsu.ru/pcee2020/>

Abstracts are to be addressed to conf2020@mail.ru



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