

We are delighted to announce the upcoming Symposium f-Block elements: Recent Advances and Challenges!

The Symposium is aimed to unite prominent scientists to explore the latest trends and breakthroughs in the field of f-block elements chemistry. The Symposium **f-Block elements: Recent Advances and Challenges** will be an integral part of the XXII Mendeleev Congress on General and Applied Chemistry, hosted in Sirius federal territory, Russia.

Main topics:

- magnetism and spectroscopy;
- computational studies in Ln and An complexation and solid state chemistry;
- non-conventional metal-ligand bonding;
- chemistry behind lanthanide / minor actinide separations;
- lanthanides and actinides in exotic oxidation states, under extreme conditions, gas phase chemistry;
- Ln and An applications: catalysis, biomedicine, optoelectronics, single molecule magnets;
- Ln and An material science, mineralogy, geochemistry, and nanoscience

Preliminary dates of the Symposium: October 9-11, 2024

Key dates: February 1, 2024 – online registration and abstract submission opening

April 30, 2024 – abstract submission deadline

Co-chairs:

Prof Stepan Kalmykov

Full member of RAS

Lomonosov Moscow State University

Prof Alexander Trifonov

Corr. member of RAS

Nesmeyanov Institute of Organoelement Compounds

Scientific secretary :

Prof Valentina V Utochnikova

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To stay tuned for updates, including the official program, registration details, and submission guidelines, please follow the Congress website: <https://mendeleevcongress.ru/en>

