



### Field Excursions

Field excursions are planned after the Conference (from 6 to 10 July, 2019) to visit unique mineralogical localities of the Kola peninsula (Khibiny, Lovozero, Kovdor, Afrikanda, Tersky shore of the White Sea) and cultural heritage of the Russian Pomor'ye and Saami regions. Additional information will be provided at the Conference website ([www.ksc.ru/xrd2019](http://www.ksc.ru/xrd2019)).



**Kola Science Centre of the Russian Academy of Sciences** was founded in 1930 following the suggestion of Academicians A.E. Fersman and V.I. Vernadsky. In 2017, the Centre received the title of the Federal Research Centre. At present the Centre consists of ten scientific institutes. The main research direction of the Centre is scientific investigations of the Arctic systems and providing expert and scientific support for reaching the strategic goals, sustainability and security of the Arctic zone of Russian Federation.



THE CONFERENCE IS ORGANIZED BY  
Federal Research Centre 'Kola Science Centre of the  
Russian Academy of Sciences'  
Commission on crystal chemistry, X-ray diffraction and  
spectroscopy of minerals of the Russian Mineralogical  
Society  
St. Petersburg State University

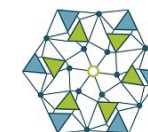
SUPPORTED BY  
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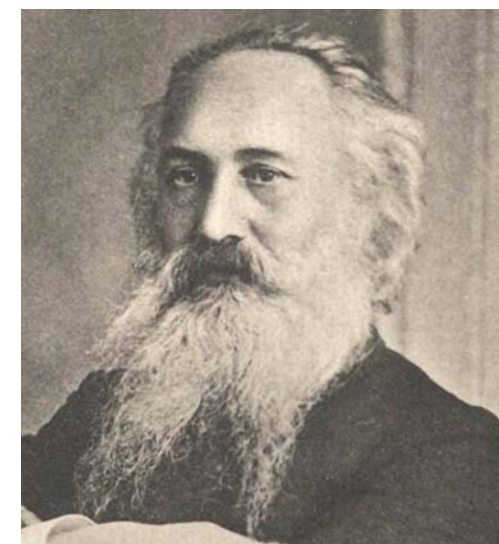
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ФИЦ  
КНЦ  
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## XIX International Meeting on Crystal Chemistry, X-ray Diffraction and Spectroscopy of Minerals

Dedicated to the memory of  
Academician E.S. Fedorov  
(1853-1919)

Apatity, Russia

2-5 July, 2019





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The Meeting is devoted to the memory of great Russian crystallographer, mineralogist, petrologist and mining engineer Academician E.S. Fedorov (10(22).12.1853-21.05.1919), one of the founders of modern crystallography and discoverer of 230 space groups. In 1891 and 1902, E.S. Fedorov described for the first time alkaline apatite- and nepheline-bearing rocks of Kola peninsula (at the Turij peninsula of the White Sea) and suggested its possible use for the production of phosphorous fertilizers.

### Main themes:

1. General problems of inorganic crystal chemistry and structural mineralogy.
2. X-ray crystallography and X-ray crystal structure analysis.
3. Mineral physics and spectroscopy.
4. Applied mineralogy and crystal chemistry.
5. High-pressure and high-temperature crystal chemistry.
6. Theoretical crystal chemistry and mineralogy.
7. History of mineralogy and crystal chemistry.

### Venue:

Federal Research Centre 'Kola Science Centre of the Russian Academy of Sciences, Fersmana str. 14, 184209 Apatity, Russia  
[www.ksc.ru](http://www.ksc.ru)



### Website of the Meeting

[www.ksc.ru/xrd2019](http://www.ksc.ru/xrd2019)

### Important dates:

Abstract submission - April 15, 2019

Registration - June 1, 2019

Registration for the field excursions - June 1, 2019

**Registration fee** is 200 USD for professionals. No fee is foreseen for the student and young scientists.

**Abstracts** should be prepared using template available at the conference website.

**Accommodation** is planned at the hotels of the cities of Kirovsk and Apatity. A shuttle service between the two cities will be organized for the whole duration of the conference.

**Visa support** will be provided for the Meeting participants upon request.

**Climate** in Apatity is moderately cold. The average July temperature is +12.3°. July is the time of the Polar night, no sunset is foreseen.

**Transportation.** There are convenient flights to Apatity from Moscow (2 hours) and St. Petersburg (1,5 hours) ([www.severstal-avia.ru](http://www.severstal-avia.ru)). It is also possible to reach Apatity by train, the trip from St. Petersburg takes about 24 hours ([www.rzd.ru](http://www.rzd.ru)).