

SIBERIAN BRANCH OF THE RUSSIAN ACADEMY OF SCIENCES
West Siberian Branch of the Russian Mineralogical Society
NOVOSIBIRSK STATE UNIVERSITY
V.S. SOBOLEV INSTITUTE OF GEOLOGY AND MINERALOGY

**Processes of mineral formation
at high pressures, the origin of diamond
and mantle magmas**

June 2025
Novosibirsk

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Novosibirsk State University
West Siberian Branch of the Russian Mineralogical Society
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Dear Colleague,

V.S. Sobolev Institute of Geology and Mineralogy SB RAS is pleased to announce the international conference "Processes of mineral formation at high pressures, the origin of diamond and mantle magmas", dedicated to the 90th anniversary of academician Nikolay V. Sobolev - the outstanding researcher of mantle petrology and diamond formation. The organizing committee cordially invites you and your colleagues to join this event **in Akademgorodok, Novosibirsk, Russia, on June 17-19, 2025.**

Official languages of the conference: Russian and English.

The conference implies **both face-to-face and on-line formats.** The following important topics are planned for discussion at the Conference:

- Petrology and geochemistry of the Earth's mantle
- Fluid regime of deep mineral formation
- Mantle metasomatism
- High-pressure experimental mineralogy, petrology and geochemistry
- Mineralogy and genesis of diamonds
- Forecast and exploration of diamond deposits
- UHP metamorphism

The presentations will be organized in oral and poster sessions. The Organizing Committee will peer review all submitted abstracts to compile the scientific program. The Organizing Committee reserves the right to change the form of presentation or reject it based on the results of peer review. Registration of participants and Abstract submission will be opened on the conference website on January 1, 2025. At the registration stage, please make sure to inform the organizers if you need assistance with accommodation in Akademgorodok.

Abstracts have to be prepared according to the template below and submitted via the conference website before March 1, 2025. Abstract should not exceed 2 pages.

In the second circular, the Organizing Committee will provide participants with the Conference program, the preliminary schedule and the necessary technical details.

Official e-mail of the Organizing Committee: sobolev-conf@igm.nsc.ru

Official conference website: <https://sobolev-conf.igm.nsc.ru/>

Contacts: Smirnov, Sergey tel. (383) 373-05-26 (ext. 305)

Reutsky, Vadim tel. (383) 373-05-26 (ext. 378), reutsky@igm.nsc.ru

Important dates: March 1, 2025– deadline for registration

April 15, 2025 – deadline for abstract submission

May 15, 2025 – Second circular deadline for registration fee payment

June 17-19, 2025 –Conference sessions

TITLE

(Times New Roman, Bold, Center, 12)

I.I.Ivanov¹, P.P.Petrov²

(Times New Roman, Norm, Center, 12)

¹IGM SB RAS (ivanov@igm.nsc.ru); ²GGF NSU

(Times New Roman, Italic, Center, 12)

The Abstract should not exceed 2 A4 pages, including figures, tables, references, etc. The name of the speaker must be underlined. The layout of the publication must be completely composed by the authors, figures and tables must be embedded into the text accordingly.

Margins on all sides should be 2.5 cm. The file should be made-up by the authors ready for direct printing with all tables and figures embedded in the text. Please, use Times New Roman 12 and single-line spacing for the title, author names, affiliations and the main text. The title, author names and affiliations must be centered and are separated from the main text by an empty line. The main text must be justified. No hyphenation in the text or title is allowed. The indentation at a paragraph beginning - 0.75 cm. Heading and paragraph centering in the text have to be done using MS Word.

Figure captions should be directly below the figure embedded in the main text as Times New Roman 10, single-spaced, centered text. Table headings should be placed above the table body as Times New Roman 10, single-spaced, justified text.

The file should be submitted in MS Word for Windows format with name <First Author>.docx. Line drawings should be sent as separate files prepared by Corel Draw or Adobe Illustrator. The text in these figures should be converted into curves. Photos should be sent as a separate 300 dpi TIFF file.

References in the text should be placed in parenthesis, for example (Sobolev et al., 2020). Please, use the template below for the reference list formatting.

References (Times New Roman 10, italic)

Sobolev N.V. Seretkin Yu.V., Logvinova A.M., et al. Crystallographic orientation and geochemical features of mineral inclusions in diamonds // Geology and Geophysics, 2020. Vol. 61 (S5-6). pp. 774-793.

Sobolev N.V. Tomilenko A.A., Bulbak T.A. et al. Composition of volatile components in Yakutian and Ural diamonds and associated garnet // Problems of igneous and metamorphic petrology, geodynamics and origin of diamonds. 2018. p. 63-63.

The Organizing Committee reserves the right to reject or send back for revision the abstracts that do not correspond to the template or use improper formatting.