

International Conference "Synchrotron Radiation Techniques for Catalysts and Functional Materials"

The International Conference "Synchrotron Radiation Techniques for Catalysts and Functional Materials" will be held from October 31 to November 3, 2022, at the Technology Park of the Novosibirsk Academic Town.

Organizers

Siberian Branch of the Russian Academy of Sciences (SB RAS)
G. K. Boreskov Institute of Catalysis of SB RAS
Collective Use Center "Siberian Circular Photon Source"
G. I. Budker Institute of Nuclear Physics of SB RAS
Novosibirsk State University

Conference Chair Academician of RAS V. I. Bukhtiyarov

Scientific Committee

Chair O. N. Martyanov

D. Dybtsev, V. Kaichev, S. Tsybulya, D. Zharkov, Ya. Zubavichus

Organizing Committee

A. Bukhtiyarov, S. Logunova, M. Platunov, A. Saraev, M. Shabanova, K. Shefer, M. Suvorova

Scientific Program

Scientific program of the Conference will include the following subjects:

- Theoretical and applied aspects of experimental techniques utilizing synchrotron radiation;
- Structure-driven design of catalysts and functional materials based on synchrotron diagnostics;
- Synchrotron radiation for structural biology;
- Development of instrumentation for synchrotron beamlines;
- New data processing algorithms, artificial intelligence, and machine learning in bulk data analysis;
- Update on the status and scientific program of the SKIF synchrotron radiation facility.

The official language of the Conference is English.

A workshop for young scientists on synchrotron investigation methods in materials science will take place at the Conference (November 2–3, 2022). Students, post-graduates, and young scientists are invited to attend. The workshop will be held in Russian.

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<http://conf.nsc.ru/SRTCFCM-2022/en>