



Siberian Synchrotron and Terahertz Radiation Centre

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Synchrotron and Free electron laser Radiation: generation and application SFR-2020

July 13 – 16, 2020 Novosibirsk, Russia

<https://indico.inp.nsk.su/event/24/>

Dear colleagues! We inform you that the International Conference on Synchrotron and Free Electron Laser Radiation: Generation and Application will be held as scheduled, from 13 to 16 July in the **online format!**

The current situation forces us to change the conference format. We will make every effort to maintain the high standards typical of our conference. On the other hand, we suppose that videoconferencing will be common in brave new world, therefore, our conference presents a good chance to prepare.

The registration fee of the conference is canceled.

Decision on the platform for the conference sessions (presumably, ZOOM <https://zoom.us>) will be taken in the near future; the conference participants will be informed timely.

After the end of the conference, its Proceedings will be published with open access in the AIP Conference Proceedings, indexed in The Conference Proceedings Citation Index (part of Web of Science), Scopus (Elsevier), Inspec, Chemical Abstracts Service (CAS), and Astrophysics Data System (ADS). The Organizing Committee of the Conference will organize reviewing of the articles. The article length must be not less than four pages. Rules for preparation of articles and templates can be found on the website of the publishing house at <https://aip.scitation.org/apc/authors/preppapers>.

The Conference language is English.

The Conference will present 20-minute invited, 15-minute oral, and poster reports. The posters reports should be uploaded to the conference website as a PDF file of a single A0 page or a reasonable number of A4 pages by 13 July 2020. These materials will be available to all conference participants as "a virtual poster session". Questions to the poster speakers can be asked on the Conference site from 13 to 15 July; the answers will be published on the website on the same dates.

Important deadlines:

- Registration or participants till 6 June
- Uploading abstracts till 25 June
- Informing participants on the report status till 1 July
- Uploading presentations of oral reports (PPT or PDF) by 7 July
- Deadline for uploading manuscripts prepared according to the rules of the journal: 16 July

SFR-2020 Organizing Committee thanks you for your understanding and, if you have not already done so, invites to register on the conference website at <https://indico.inp.nsk.su/event/24/>. Should you wish to cancel the previous registration, please inform us by e-mail to the Organizing Committee address sfr2020@inp.nsk.su

Conference topics

- Radiation sources
 - Projects of new light sources
 - Status and upgrading of existing radiation sources
 - Accelerator technology
- Insertion devices and other generators of synchrotron radiation
 - Superconducting wigglers and undulators
 - Other undulators
- Optics for synchrotron radiation and FELs
 - Refractive X-ray optics
 - Curvilinear reflective X-ray optics
 - Multilayer reflective coatings
 - Features of optics for ultra-low-emittance light sources
 - Certification of X-ray optics elements
- Equipment of beam lines and synchrotron radiation stations
 - Monochromators
 - Optical realizations for SR beam lines
 - Status of existing SR stations
 - Projected stations for 4th generation light sources
- Applications of SR and FEL radiation
 - Spectroscopy
 - Diffraction
 - XRF
 - Microscopy and imaging
 - SR metrology
 - Applications of 4th generation light sources

Thank you for understanding
With health wishes
Sincerely yours
Local Organizing Committee