

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

Wednesday 15 July 2020

SR technological application and X-ray apparatus: Oral 7 - Zoom 890 9721 5207 (14:00-16:00)

-Conveners: Anton Nikolenko; Konstantin Kuper

time	[id] title	presenter
14:00	[119] Generation and use of coherent X-ray beams at future SKIF storage ring	Dr RASHCHENKO, Sergey
14:20	[9] The design of «Structural Diagnostics» beamline for SRF «SKIF»	ZAKHAROV, Boris
14:40	[163] Conceptual design of the "Fast Processes" beamline at the SRF SKIF 4th generation synchrotron	RUBTSOV, Ivan
15:00	[118] In situ XRD analysis with the time-resolution (0.4 ms) of stainless steel in during selective laser melting.	Dr KUPER, Konstantin
15:20	[8] "Electronic Structure" beamline 1-6 at SKIF synchrotron facility.	Dr BUKHTIYAROV, Andrey
15:40	[140] Beam-shaping refractive optics for coherent X-ray sources	Mr ZVEREV, Dmitry

SR technological application and X-ray apparatus: Oral 8 - Zoom 890 9721 5207 (16:20-18:00)

-Conveners: Konstantin Kuper; Anton Nikolenko

time	[id] title	presenter
16:20	[168] Trends on Montel X-ray Optics and Pinholes for Synchrotron Beamlines	WIESMANN, Jörg
16:40	[142] Metrological approach for diagnostics of x-ray refractive lenses	NARIKOVICH, Anton
17:00	[7] The Application of Advanced X-Ray Diffraction Image Processing Methods for Study Linear Defects in Silicon Single Crystals	Dr ZOLOTOV, Denis Dr DYACHKOVA, Irina
17:20	[60] Evaluation of CCD detector absolute responsivity with the aid of synchrotron radiation	Dr VISHNYAKOV, Eugene
17:40	[116] The modification of optical properties of the surfaces by the glancing angle deposition of TiO ₂	LEMZYAKOV, Aleksey