

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

Tuesday 14 July 2020

X-ray structural analysis: Oral 3 - Zoom 890 9721 5207 (16:40-20:30)

-Conveners: Boris Tolochko; Marat Sharafutdinov

time	[id] title	presenter
16:40	[87] High Energy Imaging and Diffraction at Diamond Light Source Beamline I12: 11 Years of Experience and Lessons Learned	Dr CONNOLLEY, Thomas
17:10	[19] XRD Diagnostics of Functional Materials at SSTRC	Dr SHMAKOV, Alexander
17:30	[36] Investigation of the local phase composition and morphology of laser welded joints based on titanium and aluminum alloys by hard synchrotron radiation diffraction methods.	Mr ANCHAROV, Alexey
17:50	[34] High-P,T diffraction studies of dehydration of magnesium silicates related to the deep Earth's water cycle	Dr LIKHACHEVA, Anna
18:10	[113] Structural analysis of catalysts using the atomic pair distribution function	Dr PAKHARUKOVA, Vera
18:30	[92] Small-Angle scattering applications to the analysis of aptamer structure and conformational changes	MORYACHKOV, Roman
18:50	[73] Study of Au-Co ultrafine grained alloy by synchrotron radiation diffractometry	TOLMACHEV, Timofey
19:10	[81] In situ synchrotron x-ray diffraction study of face-centered cubic platinum hydride and phase diagram of PtH	Ms SEMERIKOVA, Anna
19:30	[100] PDF analysis of alumina containing systems	Dr SHEFER, Kristina
19:50	[146] In situ XRD study of the reduction of mixed Mn-Co oxide	BULAVCHENKO, Olga
20:10	[115] Nitrogen doped diamond single crystals for x-ray optics applications	Mr SHEVYRTALOV, Sergey