## Synchrotron and Free electron laser Radiation: generation and application (SFR-2016)

## Tuesday 05 July 2016

Poster Session - 2nd and 3rd floors (15:00-16:00)

-Conveners: Maksim Kuzin; Anton Nikolenko

-Conveners. Marshi Ruzin, Amon Mirotenro		
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[52] Superconducting solenoid for superfast THz spectroscopy	Dr BRAGIN, Alexey	002
[135] Ferrum fluorides as nanostructured conversion cathodes: in situ XAFS and XRD study using synchrotron radiation.	Mr SHAPOVALOV, Victor	003
[163] Structural investigations of Ni deposited on porous anodic alumina matrices	Mr CHUKAVIN, Andrey Dr KRIVENTSOV, Vladimir	004
[98] Structure and properties of ZnSxSe1-x alloy nanostructures embedded in anodic alumina membrane	Mr CHUKAVIN, Andrey	005
[82] Spatial microstructure of multilayered heterosystems, containing Ge quantum dots molecules in Si on the stages of their nucleation and growth by EXAFS spectroscopy	Dr ERENBURG, Simon	006
[65] Exciton-like and defect-related luminescence in K3WO3F3 oxyfluoride crystals	Prof. PUSTOVAROV, Vladimir	007
[177] XAFS study of model flotation system - xanthate/zinc sulphate: stuctural determination of interaction forms existing in aqueous solution and deposition.	Dr KRIVENTSOV, Vladimir	800
[167] NEXAFS study of molecular arrangement in polyaniline films prepared by electrochemical deposition	Dr SYUGAEV, Alexander	009
[162] EXAFS, XANES and XRD investigations of doped ZnS nanostructures	Dr KRIVENTSOV, Vladimir	010
[96] Obtaining Soft X-ray Emission and Absorption Spectra using SR from the VEPP-4 storage ring on the metrology station "Cosmos"	Mr KOROTAEV, Evgeniy	011
[19] XANES investigation of the chromium dichalcogenides CuCr <sub>1-x</sub> M'S <sub>2</sub> and MCrX <sub>2</sub>	Mr KOROTAEV, Evgeniy	012
[152] IN-SITU INVESTIGATION OF THERMO-STIMULATED DISSOLUTION OF HYDRIDES IN TITANIUM AND ZIRCONIUM BY MEANS OF SHORT-WAVE DIFFRACTION OF SYNCHROTRON RADIATION	Dr LAPTEV, Roman	013
[79] A study of deposition of nanoscale intermediary Au-S species on oxide supports from aqueous solution using XAFS and TEM	Dr KARACHAROV, Anton	014
[62] In situ SR SAXS study of liquid intermediates arising during nucleation of gold sulfide nanoparticles in aqueous media	Dr LIKHATSKIY, Maxim	015
[166] OBSERVATION OF GRAIN-BOUNDARY STRUCTURE FEATURES IN ALUMINIUM ALLOYS BY MEANS OF XAS AND X-RAY TOMOGRAPHY BY SR	Dr NIZOVSKII, Alexander	016
[46] In situ determination of the active phase in palladium nanocatalyst by X-ray absorption spectroscopy and X-ray diffraction	Mr BUGAEV, Aram	017

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[121] Small-Angle X-Ray Scattering Study of Carbosilane Dendrimers in Hexane Solution	Dr SHTYKOVA, Eleonora	019
[123] Unusual Properties of Structural Characteristics of Potato Virus A Coat Protein in Solution Revealed by SAXS	Dr SHTYKOVA, Eleonora	020
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