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

Thursday 07 July 2016

X-ray Spectroscopy: Part I - Conference Hall (09:00-10:00)

time	[id] title	presenter
09:00	[175] Current status of EXAFS station of SSTRC. Application of XAFS spectroscopy for the study of promising functional nanomaterials.	Dr KRIVENTSOV, Vladimir
09:20	[179] Application of SR methods for the study of nanocomposite materials for Hydrogen Energy.	Prof. SADYKOV, V.A.
09:40	[195] Agilent Technologies solutions in vacuum equipment for high energy physics	Mr RUKAVISHNIKOV, Mikhail

X-ray Spectroscopy: Part II - Conference Hall (10:20-12:00)

-Conveners: Vladimir Kriventsov

time	[id] title	presenter
10:20	[67] XAFS spectroscopy - a useful tool for determining structure parameters and the electronic state of various nanosystems	Dr ERENBURG, Simon
10:40	[178] XAFS study of catalytic nanosystems promising for environmental catalysis	Mr YAKIMCHUK, E.P.
11:00	[69] Near-surface regions of chalcopyrite studied using XPS, HAXPES, XANES and DFT	Prof. MIKHLIN, Yuri
11:20	[111] Synchrotron-based experimental study and theoretical simulation of hydrogen desorption for solid-state hydrogen storage material – Mn(BH4)2	Mr PANKIN, Ilia
11:40	[145] Probing magnetic sublattices in multiferroic Nd0.5Ho0.5Fe3(BO3)4 single crystal via hard x-ray magnetic circular dichroism	Dr PLATUNOV, Mikhail