

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

Wednesday 06 July 2016

FEL-based study and THz radiation application: Part I - Parallel session Hall (10:20-12:00)

-Conveners: Oleg Potaturkin

time	[id] title	presenter
10:20	[153] FEL-based study of intervalley elastic scattering of donor excited states in multivalley semiconductors	Prof. SHASTIN, Valery
11:00	[15] Synchrotron radiation X-ray tomographic microscopy, noble gas mass spectroscopy, infrared and Raman microscopy correlated study of the Itokawa asteroid particles returned by the Hayabusa space probe	Dr PAVLOV, Sergey
11:30	[22] Single-pulse high-resolution spectroscopy on NovoFEL: methods, applications and development	Dr KUBAREV, Vitaly

FEL-based study and THz radiation application: Part II - Parallel session Hall (13:00-14:40)

-Conveners: Alexander Shkurinov

time	[id] title	presenter
13:00	[126] Pump-probe setup for far-infrared subnanosecond time-resolved spectroscopy at the Novosibirsk free electron laser	Ms CHOPOROVA, Yulia
13:20	[12] Terahertz surface plasmons on real metal-dielectric structures: comparison of theory and experiments	Mr GERASIMOV, Vasily
13:40	[16] Raman scattering at terahertz frequencies enabled by an infrared free electron laser	Dr PAVLOV, Sergey
14:00	[139] Carrier dynamics in doped Ge measured at the free electron laser facility FELBE	Mr DESSMANN, Nils
14:20	[21] High temperature quasi stationary terahertz optical discharge on NovoFEL	Dr KUBAREV, Vitaly

FEL-based study and THz radiation application: Part III - Parallel session Hall (15:00-17:00)

-Conveners: Oleg Shevchenko

time	[id] title	presenter
15:00	[77] Ultrafast Pump-probe Facility based on an RF Photogun	Dr JEONG, Young Uk
15:40	[8] Intensity and timing jitter compensated ultra-fast experiments at accelerator-driven photonsources	Dr KOVALEV, Sergey
16:00	[140] Duration of coherent synchrotron radiation pulses accessed via time-resolving and correlation techniques	Mr POHL, Andreas
16:20	[20] Formation of nanosized metal hydrosols under the influence of terahertz laser radiation	Dr KOZLOV, Alexander