

Science@FELs 2018

Monday, June 25, 2018

Poster session (5:00 PM - 7:00 PM)

[id] title	presenter	board
[155] Ultrafast Auger spectroscopy of UV excited thymine	METJE, Jan	1
[4] Narrow-band THz spin dynamics in ferromagnetic metallic thin films	BONETTI, Stefano	2
[8] Attosecond Single-Cycle Undulator Light	Dr MAK, Alan	3
[9] Time Dynamics and Spectral Resolved Emission Imaging of Colliding Laser Produced Aluminum Plasma	Mr AL-JUBOORI, Haider	4
[12] XFEL Photon pulses Database (FAST-XPD) at the European XFEL	Dr YURKOV, Mikhail	5
[13] Recent experimental results from FLASH2 on novel FEL lasing schemes with variable gap undulators	YURKOV, Mikhail	6
[138] Scientific opportunities at the HED beamline, European XFEL	Dr MAKITA, Mikako	7
[151] Femtosecond nonequilibrium phase-transition in hard x-ray excited bismuth	MAKITA, Mikako	8
[18] Compact diagnostic for spatial and temporal overlap determination of XFEL and optical laser pulses using diffusing material and an imaging device	Dr SATO, Takahiro	9
[16] Single shot temporal characterization of FEL Pulses	Dr IVANOV, Rosen	10
[145] Angle-Resolved X-Ray Second Harmonic Generation in Diamond	SENFFLEBEN, Björn	11
[152] Phase-filling singularities in femtosecond transient dielectric spectra of Germanium	Dr ESPINOZA, Shirley	12
[87] Modelling a Laser- plasma accelerator driven FEL	ALOTAIBI, Badriah	13
[25] Femtosecond time-resolved X-ray absorption spectroscopy at PG2 employing new reference scheme for normalization	BRENNER, Günter	14
[24] Direct measurement of the pulse duration and frequency chirp of seeded XUV free electron laser pulses	AZIMA, Armin	15
[153] The Soft X-ray Laser (SXL) project at the MAX IV: Accelerator and FEL	WERIN, Sverker	16
[76] Wavefront tolerance analysis for the time-delay compensating monochromator (TDCM) beamline at FLASH2	Dr RUIZ-LOPEZ, Mabel	17
[74] Characterization of Diamond Single-Pulse Spectrometers	BOESENBERG, Ulrike	18
[78] Serial Femtosecond Crystallography Program at the Pohang Accelerator Laboratory X-ray Free Electron Laser Facility	Dr PARK, Jaehyun	19
[88] Quantitative detection of ultrashort spin current pulses in spin valve heterostructures	Dr STAMM, Christian	20
[84] Validating single-particle x-ray laser reconstructions using orientation concurrence	Mr SHEN, Zhou	21
[86] Ultrafast Transient Absorption Spectroscopy Investigations on BiVO ₄ Photoanodes for Water Oxidation	Mr KAHRAMAN, ABDULLAH	22
[108] Structure and Stereo-Specific Infrared Features of Proton-Bound Diastereomeric Complexes of Amino Acids Studied with IRMPD Spectroscopy at CLIO Free Electron Laser	REBROV, Oleksii	23

[92] First User Experiments at FLASH2 FL24	Dr KUHLMANN, Marion	24
[91] High Fidelity Ultrafast Time Resolved X-ray Absorption Spectroscopy of the Insulator to Metal Transition in VO2	SCHLOTTER, William	25
[100] Highly efficient end-station for space-, time- and spin-resolved photoemission spectroscopy at free electron lasers and high harmonic generation sources.	KUTNYAKHOV, Dmytro	26
[102] Theoretical simulations of ultra-fast dynamics in solution probed with X-ray spectroscopies	ODELIUS, Michael	27
[97] Can XFEL facilities provide enough diffraction data for atomic resolution single particle imaging?	LOH, Duane	28
[95] Probing the interplay between electron and nuclear dynamics at attosecond timescale	NANDI, Saikat	29
[96] XUV-Pump/XUV-Probe Strong-field Transient Absorption on Neon at FLASH	Mr DING, Thomas	30
[103] Maxima in supercooled water's thermodynamic response and correlation functions using x-ray free electron laser	Dr PATHAK, Harshad	31
[135] Ultrafast non-thermal heating of water initiated by an X-ray Free-Electron Laser	Dr JÖNSSON, Olof	32
[106] Coherent Bragg Imaging of Ice Growing in Supercooled Water	Ms ESMAEILDOOST, Niloofar	33
[133] Future steps for attosecond pulse generation in X-ray free-electron lasers	DUNNING, David	34
[134] Ligand dissociation and recombination of Nitrosyl-myoglobin in physiological media studied by ultrafast X-ray spectroscopy and X-ray Diffuse Scattering	KINSCHER, Dominik	35
[89] THz pulse doubler at FLASH: double pulses for pump-probe experiments at X-ray FELs	STOJANOVIC, Nikola	36
[136] Non-linear and Ultrafast Circular Dichroism Measurements at FELs	Dr ILCHEN, Markus	37
[139] The European Cluster of Advanced Laser Light Sources (EUCALL)	APPLEBY, Graham	38
[26] Towards time-resolved RIXS@FLASH at the PG1 monochromator end-station	BRENNER, Günter	39
[65] Coherent THz Emission Enhanced by Coherent Synchrotron Radiation Wakefield	DI MITRI, Simone	40
[67] Observing the Transit CO desorption process at carbon K edge via free electron X-ray Laser	WANG, Hsin-Yi	41
[79] Surface action spectroscopy with rare gas messenger atoms	Dr WU, Zongfang	42
[82] Single shot time resolved XMCD experiment at Free Electron Laser	JAL, Emmanuelle	43
[85] Wavefront sensing of individual XFEL pulses using ptychography	DAURER, Benedikt	44
[81] C K-edge Selective Probing Ultrafast Surface Chemistry in Catalytic CO Oxidation on Ru (0001)	LIU, Boyang	45
[90] Ultrafast dynamics of energy relaxation in CsI single crystals measured by TRXOL with sub-picosecond time resolution	GERASIMOVA, Natalia	46
[131] Collective autoionization dynamics of He clusters resonantly induced by intense XUV pulses	OVCHARENKO, Yevheniy	47
[93] Stable platform for phase-modulation of seed lasers facilitating all-XUV coherent nonlinear time-domain spectroscopy	Mr WITUSCHEK, Andreas	48
[99] Revealing the nanoscale structure of viruses with XFEL pulses	KURTA, Ruslan	49

[116] Ultrafast fragmentation dynamics of polycyclic aromatic hydrocarbons after photoionization at 30.3 nm wavelength	MANSCHWETUS, Bastian	50
[148] Theoretical studies on narrow-band hard-x-ray lasing	Mr LYU, Chunhai	51
[117] A Coherent Imaging XUV-FEL users end-station for the EuPRAXIA@SPARC_LAB FEL	STELLATO, Francesco	52
[120] Electron-Ion covariance mapping of molecules in a double velocity map imaging spectrometer utilizing intense XUV pulse trains	LAHL, Jan	53
[125] Ultrafast dynamics of methyl iodide with XUV Free Electron Laser	MACLOT, Sylvain	54
[126] Hitting proteins with a sledgehammer – combining native mass spectrometry with an XFEL	Dr LU, Yinfei	55
[130] An intense attosecond light source for XUV-XUV pump-probe experiments	Mr PESCHEL, Jasper	56
[129] Catalytic CO oxidation driven by ultrashort X-ray pulses	DIESEN, Elias	57
[137] Nanophotonics in the relativistic realm	Prof. VEISZ, Laszlo	58
[149] Interaction of intense nanosecond pulses of extreme ultraviolet (EUV) with gases and solids	Prof. FIEDOROWICZ, Henryk	59
[123] Materials Imaging and Dynamics Instrument at the European XFEL	SCHOLZ, Markus	60
[128] A 1D imaging soft X-ray spectrometer for the SQS scientific instrument at the European XFEL	KJELLSSON, Ludvig	61
[121] Imaging Large Superfluid Helium Droplets	TANYAG, Rico Mayro	62
[127] Focusing and wavefront measurements of intense XUV pulses	WIKMARK, Hampus	63
[132] Three-dimensional reconstruction of the Melbournevirus from experimental coherent diffractive imaging data	SELLBERG, Jonas	64
[140] Ultrafast X-ray fluorescence for Serial Femtosecond Crystallography and Incoherent Diffractive Imaging	TIMNEANU, Nicusor	65
[141] Femtosecond time-resolved and element-specific x-ray absorption spectroscopy of Fe/MgO	Mr ROTHENBACH, Nico	66
[143] Mega-Electronvolt Ultrafast Electron Diffraction at SLAC	Dr ROBINSON, Matthew	67
[147] Energy-resolved ultrafast charge, spin and orbital dynamics in [Co/Pd] multilayers	LE GUYADER, Loïc	68
[118] Thermal transformation of carboxylic acids on nanoscale oxides seen by TPD-MS, FTIR and quantum chemical methods	KULIK, Tetiana	69
[144] WAVEGUIDE LASER BASED ON MESOSCOPIC ORDERED HYBRID TITANIA AND SILICA SOL-GEL FILMS	Dr KULIK, Tetiana	70
[154] Anion exchange by the suspension of an iron rich montmorillonite clay	KERI, Jona	71