



# SwissFEL Workshop 2: Scattering and diffraction experiments

## Monday, 21 November 2011

### Poster Presentation - 205 (10:30 - 12:00)

time	[id] title	presenter
10:30	[5] Coherent Control of Microscopic Order: High Field THz and Xray experiments at the SwissFEL	Dr JOHNSON, Jeremy Mr GRÜBEL, Sebastian Ms KUBACKA, Teresa
10:35	[6] Possibilities for nonlinear x-ray scattering with SwissFEL	Dr JOHNSON, Steven
10:40	[2] Theoretical calculations on ultrafast anisotropic X-ray scattering in the condensed phase	Dr PENFOLD, Thomas
10:45	[3] Ultrafast Structural Dynamics in Strongly Correlated Electron System: Timing Specifications	Dr CAVIEZEL, Andrin
10:50	[21] Femtosecond analysis of protein nanocrystals and supramolecular complexes.	Dr PANNEELS, valerie
10:55	[20] CAMP: Flexible User End Station for Multidimensional Imaging Experiments at XFELs	RUDENKO, Artem
11:00	[24] Table-top Soft X-ray Laser in the X-ray Free-Electron Laser Era	BLEINER, Davide
11:05	[25] Inferring Networks from Distances: the "Landscape" of Glycosidase Protein Structures	ROTH, Volker
11:10	[1] Multidimensional high energy spectroscopy in X-rays/electron hybrid experiments	Prof. CARBONE, Fabrizio
11:15	[29] Dynamics of the ion diffusion in clays: a proposed probe-probe XPCS experiment	DAEHN, Rainer
11:20	[31] 2D Membrane Protein Crystal Diffraction	PEDRINI, Bill
11:25	[30] Selected Applications on Data-Intense Research	BÜHLER, Christof
11:30	[32] Terahertz Streak Camera as Arrival Time Monitor for SwissFEL	Dr JURANIC, Pavle

### Poster Presentation - 205 (13:00 - 14:30)

time	[id] title	presenter
13:00	[12] Diffractive optics for focusing and characterization of hard X-ray free electron laser radiation	KARVINEN, Petri
13:05	[11] Dynamics of irradiation-induced defects in nuclear materials: a proposed ion pump - X-ray FEL probe experimental approach	FROIDEVAL, Annick
13:10	[10] Influence of gelation kinetics by microwaves	Dr COZZO, Cedric
13:15	[9] Probing magnetic phase transitions	Dr MARIAGER, Simon
13:20	[4] Vibrational control of quantum materials: ultrafast x-ray diffraction studies	Dr CAVIGLIA, Andrea
13:25	[8] Serial Femtosecond Crystallography at the SwissFEL X-Ray Free Electron Laser	Dr STELLATO, Francesco
13:30	[7] Time-resolved diffuse X-ray scattering	Mr HUBER, Tim

13:35	[26] Bragg Coherent Diffractive Imaging at an XFEL	Dr LEAKE, Steven
13:40	[28] Electron Cryo-microscopy and tomography of eukaryotic cilia/flagella	Dr PIGINO, Gaia
13:45	[27] Serial Femtosecond Crystallography on tiny 3D crystals	STEINBRENER, Jan
13:50	[33] Energetics and Solvation Dynamics of the excited Ru(bpy) <sub>3</sub> complex in water	SZYMCZAK, Jaroslaw