

Tuesday, 4. October					
					v3.10.2016
time	presenter	title	duration	discussion	session
08:30		Welcome coffee		00:30	
09:00	Christian Ruegg	Overview: NUM (Neutron, Muon)	00:15	00:05	overview
09:20	Frithjof Nolting	Overview: SYN (Photon, cleanroom)	00:15	00:05	
09:40	Luc Patthey	Overview: SwissFEL	00:15	00:05	
10:00	Markus Mueller	Overview: CMT/Theory/Modelling	00:15	00:05	
10:20			00:05	00:20	coffee break
10:45	CHEN, Jyong-Hao,	Non-Abelian topological spin liquids from arrays of quantum wires or spin chains	00:15	00:05	Quantum effect (Chair Elvezio Morenzoni)
11:05	KRIEGER, Jonas,	Tuning the electronic structure of magnetically doped topological materials	00:15	00:05	
11:25	BIFFIN, Alun,	Magnetic field dependence of excitations near spin-orbital quantum criticality	00:15	00:05	
11:45	DREISER, Jan,	Giant Magnetic Hysteresis and Remanence in Oxide-Supported Single-Molecule Magnets	00:15	00:05	
12:05		Poster session 1	00:00	00:40	posters coupling
12:45			00:00	00:45	lunch (continuation of poster)
13:30	GAWRYLUK, Dariusz Jakub,	Lattice distortions in PrNiO <sub>3</sub> across the metal-to-insulator transition analyzed using the "amplimodes" approach	00:15	00:05	Coupling (chair Michel Kenzelmann)
13:50	HOLENSTEIN, Stefan,	Coexistence, competition and coupling of magnetism and superconductivity in Fe-based materials	00:15	00:05	
14:10	NAAMNEH, muntaser,	Electron-phonon coupling and polaronic effects in the high-Tc superconductor Ba <sub>1-x</sub> KxBiO <sub>3</sub>	00:15	00:05	
14:30	DANTZ, Marcus,	Quenched Magnon excitations by oxygen sublattice reconstruction in (SrCuO <sub>2</sub> ) <sub>n</sub> /(SrTiO <sub>3</sub> ) <sub>2</sub> superlattices	00:15	00:05	
14:50		Poster session 2	00:00	00:40	posters nanoscale/dynamics/Quantum
15:30			00:00	00:45	coffee break (continuation of poster)
16:15	SCARAMUCCI, Andrea,	Magnetic Spirals From Correlated Impurity Bonds	00:15	00:05	Coupling (chair Markus Mueller)
16:35	GAUTHIER, Nicolas,	Direct evidence of magnetoelastic coupling in SrHo <sub>2</sub> O <sub>4</sub> frustrated magnet	00:15	00:05	
16:55	KHASANOV, Rustem,	Pressure induced magnetic order in FeSe	00:15	00:05	
17:15	RAMAKRISHNAN, Mahesh,	Observing Magentoelectric Multipoles in Condensed Matter	00:15	00:05	
17:35			00:05	00:05	break
17:45		Poster session (17:45 selection of best poster of each session, 18:15 short presentations of selected posters)	00:00	01:00	poster sessions and poster battle/prize
18:45			02:00	00:00	dinner at the FH
20:45					

Wed, 5. October					
time	presenter	title	duration	discussion	session
08:30		Weclome coffee		00:30	
09:00	WEHINGER, Björn,	Dynamical properties from diffuse scattering	00:15	00:05	Dynamics (chair Frithjof Nolting)
09:20	TOTH, Sandor,	Observation of electromagnon dispersion via inelastic x-ray scattering	00:15	00:05	
09:40	WINTZ, Sebastian,	Directional Spin Wave Emission From Topological Spin Textures	00:15	00:05	
10:00	PORER, Michael,	Testing ultrafast processes in condensed matter	00:15	00:05	
10:20			00:10	00:20	coffee break
10:50	DERLET, Peter,	Structural excitations in an amorphous solid	00:15	00:05	Outlook, blue sky talk (chair Christian Ruegg)
11:10	SHERMADINI, Zurab,	Developments of high pressure cells for muSR experiments	00:15	00:05	
11:30	VALSECCHI, Jacopo,	Spin state analysis and neutron grating interferometry as tools for magnetic field visualization	00:15	00:05	
11:50	SIBILLE, Romain,	Results and prospects on disorder-induced ground states in pyrochlore magnets	00:15	00:05	
12:10		discussions/buffer/closing	00:00	00:15	
12:25			00:00	00:50	lunch/finish
13:15					

## Poster Sessions - Tuesday, 4. October

Format A0, portrait

v 3.10.2016

Presenter	Session	Title
MEDARDE, Marisa,	Coupling I	Towards ferroelectricity from spiral magnetic order beyond room temperature
MAUREL, Laura,	Coupling I	Nature of the antiferromagnetic order in strained Sr <sub>1-x</sub> BaxMnO <sub>3</sub> multiferroic thin films
AVULA VENKATA, Sridhar Reddy,	Coupling I	Magnetolectric coupling between ultrathin Fe films and PMN-PT (001) using X-ray magnetic circular dichroism
WINDSOR, William,	Coupling I	Multiferroic Squeezing: lattice control of magnetic modulation in RMnO <sub>3</sub>
PIAMONTEZE, Cinthia,	Coupling I	Magnetoelctro-elastic coupling in Co/PMN-PT
VAZ, Carlos,	Coupling I	Using X-rays to probing interfacial couplings in multiferroic heterostructures
SENDETSKYI, Oles,	Coupling II	X-ray magnetic diffuse scattering in thermally active artificial spin ice
TURRINI, Alexandra,	Coupling II	Magnetoelastic Modes and the Thermal Hall Effect in Tb <sub>2</sub> Ti-2O <sub>7</sub> -
MATT, Christian ,	Coupling II	NaFe <sub>0.56</sub> Cu <sub>0.44</sub> As: A pnictide insulating phase induced by on-site Coulomb interaction
MCNALLY, Daniel,	Coupling II	Looking for Interface-Driven Electronic Reconstruction in STO/(LSMO) <sub>n</sub> /(CaVO <sub>3</sub> ) <sub>n</sub> Heterostructures
SCHILDKNECHT, Dominik,	Coupling II	Universality of the 2D XY system with dipolar Interaction
NOWAKOWSKI, Jan,	Coupling II	Long-range 2D-ferrimagnetic ordering in a chessboard-like supramolecular Kondo lattice
RADOVIC, Milan,	Coupling II	
DERLET, Peter,	Dynamics	Structural excitations in an amorphous solid (poster to talk)
LEMKE, Henrik,	Dynamics	SwissFEL Endstation B: Design and Opportunities
VIJAYAKUMAR, Jaianth,	Dynamics	Magnetolectric dynamic response of artificial multiferroic heterostructures
PARCHENKO, Sergii,	Dynamics	Laser induced magnetization dynamics in multiferroic CoCr <sub>2</sub> O <sub>4</sub>
LU, Xingye,	Dynamics	
FINIZIO, Simone,	Dynamics	Investigation of the magneto-elastic coupling with time-resolved STXM imaging
ARAVA, Hanu,	Nanoscale	Photo-Emission Electron Microscopy Studies of Dynamics in Dipolar-Coupled Arrays of Nanomagnets
LEO, Naëmi,	Nanoscale	Magnetic correlations in artificial xy spin systems
WHITE, Jonathan,	Nanoscale	Room temperature Skyrmions and Robust Metastable Skyrmion States in Co <sub>8</sub> Zn <sub>8</sub> Mn <sub>4</sub>
SAVCHENKO, Tatiana,	Nanoscale	Investigations on individual cobalt nanoparticles by means of X-ray photo-emission electron microscopy
BRACHER, David,	Nanoscale	Chemical and magnetic characterization of goethite nanoparticles by means of X-ray photo emission microscopy
Dr. KIRK, Eugenie,	Nanoscale	XMCD imaging of magnetization states in Fe <sub>1-x</sub> Gdx alloy films across the spin reorientation transition
ORAIN, Jean-Christophe ,	Quantum effects	Spin Liquid Ground State in the S=1/2 Vanadium Kagome Antiferromagnet Family probe by MuSR
WANG, Zhiming,	Quantum effects	Shining Light on Electronic Structure of Complex Oxide Heterostructures with Angle-resolved Photoemission Spectroscopy and Laser Molecular Beam Epitaxy
DIL, Hugo,	Quantum effects	The road of spin-resolved photoemission spectroscopy
GERBER, Simon	Quantum effects	Coherent lock-in at the A <sub>1g</sub> optical phonon frequency of FeSe/SrTiO <sub>3</sub>