5th BANFF Meeting on Structural Dynamics, Febr. 19th – Febr. 22nd

time	Sunday, Febr. 19th	Monday, Febr. 20th	Tuesday, Febr. 21st	Wednesday, Febr. 22nd
08.30 08.45		Claus Ropers Development and application of Ultrafast Transmission Electron Microscopy using laser-triggered field-emitters	Franz Kärtner THz Linear Acceleration and Compact X-ray Sources	Bryan Reed Compressively Sensed Video in Transmission Electron Microscopy
09.00		Renske van der Veen Ultrafast core-level spectroscopy in 4D-electron microscopy	Robert Scholten Cold atom electron ion sources: towards practical imaging	Derek Mendez Angular correlations of photons from solution diffraction at a free electron laser encode molecular structure
09.15				Daniela Rupp Diffractive imaging of nanoparticles and
09.30		Keith Nelson Structural Dynamics Using THz, Optical, and X-ray Methods	Pietro Musumeci Sub-10 fs relativistic electron beams with ultralow emittance for ultrafast electron diffraction application	ultrafast nanoplasma dynamics
09.45			Jerome Faure kHz relativistic electrons driven by single-cycle laser pulse and their application to ultrafast electron diffraction	Henrike Müller-Werkmeister Femtosecond Time-Resolved Ligand Dynamics in Myoglobin under low excitation conditions observed with an XFEL
10.00		Coffee break MB Central Foyer	Wouter Verhoeven A novel method for time-resolved electron energy loss spectroscopy using TM ₀₁₀ cavities as longitudinal lenses	Coffee break MB Central Foyer
10.15			Coffee break MB Central Foyer	
10.30	Registration MB Central Foyer	Abbas Ourmazd Dynamics from data with extreme timing uncertainty		Anton Barty Macromolecular X-ray Imaging Using Imperfect Crystals
10.45	(10.30h – 14.30 h)		Jens Biegert Diffraction imaging of bond scission in acetylene and proton motion	Marius Schmidt Time-Resolved Crystallography at the Free Electron Laser
11.00		Laura Waller Computational microscopy for 3D phase imaging	Renkai Li MeV Ultrafast Electron Scattering at SLAC: Status and Opportunities	
11.15				Joseph Patterson Towards understanding the dynamics of block copolymer assemblies
11.30	Lunch Vistas Dining Room (11.30 h – 13.30 h)	Doga Gursoy High-resolution imaging from sparse, incomplete and uncertain data	Dominik Ehberger Seeing atoms and electrons in motion via ultrafast single-electron microscopy and diffraction	using liquid phase electron microscopy
11.45			Joao Pedro Nunes The photo-induced dynamics of 1,2- dithiane – from molecular dynamics to ultrafast electron diffraction	Nigel Browning Imaging dynamic processes in liquids by TEM
12.00		Lunch Vistas Dining Room	Jie Yang Making Molecular Movies with	
12.15			Relativistic Ultrafast Electron Diffraction	Closing Remarks
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13.15		Free Afternoon		

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