

**Draft Programme XIII DESY Research Course**

**"Correlation Functions in the Time Domain: Trends in Coherent X-ray Scattering"**

Time	Topic	Speaker
<b>19.3.</b>		
10:00	Registration	
11:00	Welcome	
11:15	Using coherent x-rays to study disordered materials	Sutton
12:00	Lunch	
14:00	tbd	Gutt
14:45	tbd	Robert
15:30	Coffee break	
15:45	tbd	Madsen
16:30	Characterization of single FEL pulses	Lee
17:00	X-ray Split and Delay Line	Roseker
17:30	Coffee break	
17:45	Studies of "slow" dynamics of soft matter using an X-ray Free-Electron Laser	Kim
18:30	Discussion: XPCS at FEL	N.N.
20:00	Come together evening/Poster Session	
<b>20.3.</b>		
09:30	XPCS at the APS: Recent Results and Future Directions	Sandy
10:15	Slow atomic scale relaxations probed by XPCS	Chuskin
11:00	Coffee break	
11:15	tbd	Fluerasu
12:00	Lunch	
14:00	tbd	Sprung
14:45	tbd	N.N.
15:15	Coffee break	
15:30	Ultrafast dynamics of magnetic domain structures probed by coherent FEL light	Mueller
16:00	Connecting nanoscale dynamics and rheology of soft materials with XPCS	Leheney
16:45	Facility Visit	
19:00	Dinner	
<b>21.3.</b>		
09:30	tbd	Mochrie
10:15	Nanoscale Dynamics with X-ray Photon Correlation Spectroscopy	Shpyrko
11:00	Coffee break	
11:15	tbd	Schüssler-Langeheine
12:00	Closure	