

Dynamic Quantum Matter

Thursday, 13 December 2018

KTH Materials Dialogue Day 2018 - Oskar Klein, AlbaNova Universitetscentrum (09:00 - 16:00)

time	[id] title	presenter
09:00	[282] Welcome and introduction (J. Weissenrieder)	
09:10	[283] Anna Delin: Quantum materials - an overview	
09:50	[284] Hermann Dürr: Non-equilibrium nanoscale control of charge, spin and lattice motion in magnetic materials	
10:30	[285] Coffee break	
10:50	[286] Serguei Molodtsov: European XFEL: Superior tool for studying correlated quantum materials	
11:20	[287] Balasubramian Thiagarajan: Capabilities and status of Bloch, Veritas and Softi MAX beamlines at MAX IV	
11:50	[288] Lunch	
13:00	[289] Pascale Deen: Neutrons and quantum materials	
13:30	[290] Tsuyoshi Kimura: Magnetoelectric effect in visible light range due to ferroic order of magnetoelectric-active multipole moments	
14:00	[291] Johan H. Mentink: Simulating ultrafast quantum magnetism with machine learning	
14:30	[292] Peter Hedström: Swedish beamline at Petra III	
14:50	[293] Coffee break	
15:15	[294] Atac Imamoglu: Physics with atomically thin mirrors	