

Fundamental Problems in Quantum Physics

Monday, 23 March 2015

Quantum interferometry (09:30 - 13:00)

time	[id] title	presenter
09:30	[0] Exploring the limits and applications of the quantum superposition principle: An introduction to matter wave interferometry with atoms, (bio)molecules and nanoparticles	ARNDT, Markus
10:15	[1] Pulsed matter-wave interferometry for testing the mass limits of quantum mechanics	RODEWALD, Jonas
11:00	Coffe Break	
11:30	[2] Talbot interferometry with a point-like source: rationale, technology, & experiment	BATEMAN, James
12:15	[3] Quantum Walks Disprove Theories Based on Classical Trajectories	ALBERTI, Andrea