

Annual meeting of the Swiss Physical Society 2018

Thursday, 30 August 2018

Atomic Physics and Quantum Optics: I: Quantum Science - CE 5 (14:00 - 15:45)

time	[id] title	presenter
14:00	[274] □401□ Quantum Computation and Many-Body Physics with Trapped Ions	JURCEVIC, Petar
14:30	[275] □402□ Einstein-Podolsky-Rosen steering between spatially separated regions in Bose-Einstein condensates	DÉCAMPS, Boris Clément
14:45	[203] □403□ Tunable nanoscale defect cavities for exciton-polariton condensates at room temperature	URBONAS, Darius
15:00	[176] □404□ Optically probed phonon-Fock state dynamics	GALLAND, Christophe
15:15	[238] □405□ Motional Sideband Asymmetry in Quantum Optomechanics in the Presence of Kerr-type Nonlinearities	QIU, Liu
15:30	[239] □406□ Backaction evasion measurement of mechanical motion in the optical domain	QIU, Liu Mr SHOMRONI, Itay

Atomic Physics and Quantum Optics: II: Quantum Metrology - CE 5 (17:00 - 18:15)

time	[id] title	presenter
17:00	[197] □411□ MEMS Atomic Vapor Cells for Quantum Technologies	Dr KARLEN, Sylvain
17:30	[216] □412□ High-performance Rb atomic clock demonstration using additive manufactured microwave cavity	Dr AFFOLDERBACH, Christoph
17:45	[103] □413□ Generation of pure amplitude and frequency modulation in a quantum cascade laser using an integrated heater	Mr SHEHZAD, Atif
18:00	[157] □414□ Time-resolved two color X-ray pump/X-ray probe photoelectron spectroscopy at XFELs	Dr AL HADDAD, Andre