

Fysikdagarna 2023

Wednesday, 14 June 2023

Sektionen för atom-, molekyl- och optisk fysik: Parallel - FB42 (09:00 - 12:00)

time	[id] title	presenter
09:00	[47] Sektionen för atom-, molekyl- och optisk fysik	Dr DAHLSTRÖM, Marcus
09:15	[120] Attosecond time-resolved experiments at a seeded free electron laser	MAROJU, Praveen Kumar
09:45	[69] Laser spectroscopy of negative ions	LEIMBACH, David
10:15	[97] Ultrafast laser diagnostics in harsh environments	BOHLIN, Alexis
10:45	[96] Interferometric Quantum Control (IQC) by fs/ns Rotational Coherent anti-Stokes Raman Spectroscopy (RCARS)	RAVEESH, Meena
11:00	[102] Scalable quantum information processing using ultralow loss silicon nitride nanophotonics	PERSIA, Sara
11:15	[78] Double-resonance spectroscopy of methane hot-bands using a frequency comb probe	ROSINA, Andrea
11:30	[60] Mutual neutralization of hydrogen and deuterium anions with Li, O, N and C cations at DESIREE	SCHMIDT-MAY, Alice Frederike
11:45	[118] Atomic properties of gold - a theoretical case study of atomic-structure challenges in the era of kilonovae	CALISKAN, Sema

Thursday, 15 June 2023

Sektionen för atom-, molekyl- och optisk fysik: Parallel Section sessions - FB42 (15:30 - 18:30)

time	[id] title	presenter
15:30	[32] Parallel Section sessions	
15:45	[98] Following photochemical bond activation reactions using ultrafast X-ray spectroscopy	JAY, Raphael
16:15	[117] Studies of fullerene ions at DESIREE	GATCHELL, Michael
16:45	[90] Manipulating photoionization on ultrashort time scale	Ms OUAHIOUNE, Nedjma
17:00	[66] fs-recombination in Fe-based solar cells limits the performance	LINDH, Linnea
17:15	[128] Single-photon double ionization of reactive intermediate S2	OLSSON, Emelie
17:30	[71] Shining a light on disease prevention – Using Raman spectroscopy to evaluate bacterial spore viability	ÖBERG, Rasmus
17:45	[95] Tracking Conical Intersections with Nonlinear X-ray Raman Spectroscopy	JADOUN, Deependra
18:00	[109] Coupling mechanisms in mutual neutralization	HEDVALL, Patrik
18:15	[63] Gauge-invariant absorption of light from a coherent superposition of states	STENQUIST, Axel