

Fysikdagarna 2023

Wednesday, June 14, 2023

Sektionen för atom-, molekyl- och optisk fysik: Parallel - FB42 (9:00 AM - 12:00 PM)

time	[id] title	presenter
9:00 AM	[47] Sektionen för atom-, molekyl- och optisk fysik	Dr DAHLSTRÖM, Marcus
9:15 AM	[120] Attosecond time-resolved experiments at a seeded free electron laser	MAROJU, Praveen Kumar
9:45 AM	[69] Laser spectroscopy of negative ions	LEIMBACH, David
10:15 AM	[97] Ultrafast laser diagnostics in harsh environments	BOHLIN, Alexis
10:45 AM	[96] Interferometric Quantum Control (IQC) by fs/ns Rotational Coherent anti-Stokes Raman Spectroscopy (RCARS)	RAVEESH, Meena
11:00 AM	[102] Scalable quantum information processing using ultralow loss silicon nitride nanophotonics	PERSIA, Sara
11:15 AM	[78] Double-resonance spectroscopy of methane hot-bands using a frequency comb probe	ROSINA, Andrea
11:30 AM	[60] Mutual neutralization of hydrogen and deuterium anions with Li, O , N and C cations at DESIREE	SCHMIDT-MAY, Alice Frederike
11:45 AM	[118] Atomic properties of gold - a theoretical case study of atomic-structure challenges in the era of kilonovae	CALISKAN, Sema

Thursday, June 15, 2023

Sektionen för atom-, molekyl- och optisk fysik: Parallel Section sessions - FB42 (3:30 PM - 6:30 PM)

time	[id] title	presenter
3:30 PM	[32] Parallel Section sessions	
3:45 PM	[98] Following photochemical bond activation reactions using ultrafast X-ray spectroscopy	JAY, Raphael
4:15 PM	[117] Studies of fullerene ions at DESIREE	GATCHELL, Michael
4:45 PM	[90] Manipulating photoionization on ultrashort time scale	Ms OUAHIOUNE, Nedjma
5:00 PM	[66] fs-recombination in Fe-based solar cells limits the performance	LINDH, Linnea
5:15 PM	[128] Single-photon double ionization of reactive intermediate S2	OLSSON, Emelie
5:30 PM	[71] Shining a light on disease prevention – Using Raman spectroscopy to evaluate bacterial spore viability	ÖBERG, Rasmus
5:45 PM	[95] Tracking Conical Intersections with Nonlinear X-ray Raman Spectroscopy	JADOUN, Deependra
6:00 PM	[109] Coupling mechanisms in mutual neutralization	HEDVALL, Patrik
6:15 PM	[63] Gauge-invariant absorption of light from a coherent superposition of states	STENQUIST, Axel