

Fysikdagarna 2022

Wednesday 15 June 2022

Sektionen för atom-, molekyl- och optisk fysik: AF Borgen: Gustafscenen (13:00 - 17:10)

time	[id] title	presenter
13:00	[57] Welcome and short introduction to AMO physics in Lund and Sweden	DAHLSTRÖM, Jan Marcus
13:15	[76] Cooling dynamics of nitrogen-containing PAH cations (PANHs)	INDRAJITH, Suvasthika
13:40	[25] Quantum computing in rare-earth-ion-doped crystals	KINOS, Adam
14:05	[26] Ultrafast nanophotonics: from all-optical control of exciton dynamics towards plasmon-tailored nano-chemistry	Dr MACCAFERRI, Nicolò
14:30	[28] Atomic astrophysics for Galactic evolution	BURHEIM, Madeleine
14:40	[84] Understanding Dynamic Calculations of Anharmonic Infrared Spectra	ANDERSSON, Åke
14:50	[130] On the interplay of fluorescence, dissipation, and molecular dissociation for a model diatomic molecule in a quantum optical cavity	GOPALAKRISHNA, Megha
15:00	Coffee break	
15:30	[30] Shooting X-rays at the nitrogen molecule like it's 2022	KJELLSSON, Ludvig
15:55	[33] Exploring crystallisation in "no man's land"	LADD PARADA, Marjorie
16:20	[49] Relativistic laser-electron acceleration from nanotargets	DE ANDRES GONZALEZ, Aitor
16:30	[13] A Levitating Droplet as a Toy Atom	TELLO MARMOLEJO, Javier
16:40	[36] fs-recombination in Fe-based solar cells limits the performance	LINDH, Linnea
16:50	[48] Multiconfigurational effects in an iron-nitrosyl (FeNO) complex.	COATES, Michael
17:00	[129] A Green's function method for the two-dimensional frustrated spin-1/2 Heisenberg magnetic lattice	ZHAO, Zhen