

2024 CAP Congress / Congrès de l'ACP 2024

Tuesday 28 May 2024

(DAMO) T1-8 Fundamental Physics with Atomic Systems | Physique fondamentale avec les systèmes atomiques

(DPAMPC) - PAB Rm 117 (cap. 56) (10:30 - 12:00)

-Conveners: Steven Rehse

time	[id] title	presenter
10:30	[4426] Proposal for measuring the optical version of the He-McKellar-Wilkens phase using an atom interferometer	O'DELL, Duncan
10:45	[4402] (G*) Comparison of coherent storage and light generation in cold vs thermal atomic ensembles.	MOHAMMAD KHANI, Jamal
11:00	[4323] (G*) Dynamical instability as a PT-symmetry breaking phase transition in a rotating Bose-Einstein condensate	KAMP, Denise
11:15	[4237] (G*) Extracting Raman-like signals from CARS spectra with gradient boosting decision trees	SHAFE-PURCELL, John
11:30	[4416] (G) An Atom-Interferometric Perspective on the Abraham-Minkowski Controversy	HAINGE, Joshua
11:45	[4582] discussion & questions to speakers / networking	