

Poster Session 1, Tuesday 17 December 2024, 17:15 h

Nils Berhausen	A microscopic model for a nonlinear dissipative dielectric medium
Kate Brown	Mitigating boundary effects in finite temperature simulations of false vacuum decay
Matthieu Bruneau	Simulation of atomic diffraction through a nanograting
Christopher Burgess	Hyperboloidal methods for the quasinormal modes of non-relativistic systems
Daniel Derr	Temporal noise in atom interferometry
Mairi Gilmour	Optical wavefront control using atomic arrays
Christian Miguel Karres	Spurious effects in quantum-enhanced atom interferometers
Arman Kashef	Fluctuation-Dissipation Theorem in open quantum systems: Compatibility with the Lindblad Master equation at thermal equilibrium
Deniz Defne Köksal	Graphene-Induced modification of atomic spontaneous emission
Cristofero Ogialoro	Quantum Vacuum Correlations in a Modified Analogue Spacetime
Taylor Ray	Controlling noise in quantum devices using phononic spectral hole burning
Lara Marie Tomasch	Jaynes-Cummings Model for Chiral Cavity Quantum Electrodynamics