

26ème Congrès Général de la SFP

lundi 3 juillet 2023

Mini-colloques: MC08 Dernières avancées dans le domaine des technologies quantiques: 1 - Amphi Gaston Berger (16:45 - 18:45)

time	[id] title	presenter
16:45	[528] Josephson waveguide: a new platform for quantum optics	ROCH, Nicolas
17:25	[387] Quantum control of an ultracoherent mechanical resonator with a fluxonium qubit	GERASHCHENKO, Kyrylo
17:45	[482] Single-electron-spin resonance by microwave photon counting	FLURIN, Emmanuel
18:05	[410] Interaction ion-ion véhiculée par la contrainte dans les cristaux dopés aux ions de terres rares	LOUCHET-CHAUVET, Anne
18:25	[37] ANALOGUE QUANTUM SIMULATION OF ROTATING BLACK HOLES IN POLARITONS	GUERRERO-FEUILLET, Killian

mercredi 5 juillet 2023

Mini-colloques: MC08 Dernières avancées dans le domaine des technologies quantiques: 2 - Amphi Gaston Berger (08:30 - 10:30)

time	[id] title	presenter
08:30	[529] Communications sûres dans un monde quantique	DIAMANTI, Eleni
09:10	[243] Entangled photonic qudits encoded in 21GHz spaced frequency bins generated on-chip using a silicon microring for Quantum Communications with telecom devices.	CRISAN, George
09:30	[332] A faster source to generate optical Schrödinger cat states	COTTE, Viviane
09:50	[408] Broadband Biphoton Generation and Polarization Splitting in a Monolithic AlGaAs Chip	MESKINE, Othmane
10:10	[355] Deterministic Free-Propagating Photonic Qubits with Negative Wigner Functions	MAGRO, Valentin

jeudi 6 juillet 2023

Mini-colloques: MC08 Dernières avancées dans le domaine des technologies quantiques: 3 - Amphi Gaston Berger (08:30 - 10:30)

time	[id] title	presenter
08:30	[517] Magnetism and spin squeezing with arrays of Rydberg atoms	BROWAEYS, antoine
09:10	[302] Ten newton local force sensor with atom interferometry	BALLAND, Yann
09:30	[292] Métrologie quantique avec des horloges optiques	LODEWYCK, Jérôme
09:50	[112] Observation of Universal Hall Response in Strongly Interacting Fermions	FILIPPONE, Michele
10:10	[432] Measurements of Quantum correlations, and characterization of quantum thermalization, in a dipolar interacting spin system	VERNAC, Laurent