

Session Program

2-4 Sept 2026

Quantum Sensing for Fundamental Physics Workshop

Session 4

Institut Henri Poincaré (IHP), Amphithéâtre Hermite
11 Rue Pierre et Marie Curie, 75005 Paris

Thursday 3 September

14:00

17:10

Session 4 Session Location: Institut Henri Poincaré (IHP), Amphithéâtre Hermite, 11 Rue Pierre et Marie Curie, 75005 Paris Convener: Mr Kenta Kodama	
14:00–14:40	Inelasticity, Unitarity and Self-Interacting Dark Matter Speaker Thomas Pignard
14:40–15:20	Single-Microwave-Photon Detection for Axion Searches at INFN-LNL Speaker Caterina Braggio
15:20–15:50	Coffee Break
15:50–16:30	Powder haloscope Speaker Junwu Huang
16:30–17:10	Quantum heuristics for gravitational-wave detection: high-frequency sensitivity limits for current and near-future BSM searches Speaker Paolo Bilisco