



# PM2024 - 16th Pisa Meeting on Advanced Detectors

## Thursday, 30 May 2024

### Low Temperature, Quantum and Emerging Technologies - Oral session - Sala Maria Luisa (08:30 - 11:20)

-Conveners: Loredana gastaldo; Claudio Gatti

time	[id] title	presenter
08:30	[205] Detection of single particle impact on a superconducting qubit	Dr HELIS, Dounia
08:50	[404] Qubit-based superconducting circuits for single microwave photon quantum sensing	Dr RETTAROLI, Alessio
09:10	[273] Perspectives on Broadband Quantum-Limited Traveling-Wave Microwave Parametric Amplifiers for Fundamental Physics Measurements	Dr GIACHERO, Andrea
09:30	[496] A quantum-enhanced search of axion dark matter	BRAGGIO, Caterina
09:50	[334] The kinetic inductance detectors for the MISTRAL instrument: installation and characterization at the Sardinia Radio Telescope	PAIELLA, Alessandro
10:10	Coffee break	
10:40	[90] first results DAREDEVIL with GaAs mK calorimeter	MELCHIORRE, Andrea
11:00	[490] ELECTRON - Development of High Resolution Metallic Microcalorimeters for a Future Neutrino Mass Experiment with Tritium	KOVAC, Neven