



Poster Session III – Thursday 12 December 2019

Author	Title
Gellesch Markus	Developing the next-generation atomic clocks and their supply chains.
Shettell Nathan	Graph States as a Resource for Quantum Metrology
Malz Daniel	Number-resolving photon detectors with atoms coupled to waveguides
Xiang Guoyong	Zero-tradeoff multi-parameter estimation from multiple Heisenberg uncertainty relations
Achard Jocelyn	CVD synthesis of luminescent nanodiamonds for sensing applications.
Cherif Belacel	Two level systems at the surface of crystalline nano-optomechanics
Zanon Thomas	Quantum frequency standards with hyper-clocks: the good, the bad and the ugly
Zimmermann Jonatan	Selective noise resistant gate on a single electron spin in diamond
Yao Zhibin	High precision measurement based on atom interferometer
Zanon-Willette Thomas	Quantum frequency standards with hyper-clocks: the good, the bad and the ugly
Bize Sébastien	The EURAMET European Metrology Network for Quantum Technologies
Marin Francesco	Motional sidebands of squeezed quantum mechanical oscillator
Xu Liang	The establishment of long distance high Precision time and frequency transfer system
Bruzaca De Andrade Rayssa	Squeezing-enhanced cw-Stimulated Raman spectroscopy
Borkje Kjetil	Critical quantum fluctuations in optomechanical systems with large single-photon cooperativity
Lauprêtre Thomas	Progress on a surface-electrode ion trap for optical frequency metrology
Santic Neven	Measurement of the ground state tuneout wavelength in strontium
Magaletti Simone	Spectrum analyzer based on NV centers in diamond
Shikano Yutaka	Multi-functional Quantum Nanodiamond Sensor
Andia Manuel	Mercury optical lattice clock with a 2D magneto-optical trap
Lawall John	An optomechanical self-cooling laser
Wojciechowski Adam	Optical Sensing Based on Nanodiamonds with Nitrogen-Vacancy Color Centers
Darquié Benoit	Widely tuneable SI-traceable sub-Hz quantum cascade lasers for vibrational control of molecules
Esmann Martin	Topological nanoacoustic interface states in a micropillar resonator
Ji Bian	Estimation of ultralow-field nuclear magnetic resonance signals by Kalman filtering
Z Zhang	Towards a multi ion optical clock with $^{176}\text{Lu}^+$
Marc Prusten	Designing a single photon source for quantum metrology communications and computing
Priya Priya	Scaling the spatial fluctuation in local density of photon states in the finite sized photonic crystals
Devaux Fabrice	One-photon and two-photon quantum holography with bi-photon states of large spatial dimensionality

Exhibitors



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