

Searching for New Physics at the Quantum Technology Frontier

Thursday, January 20, 2022

Session 4 - HPV G5 (4:00 PM - 5:30 PM)

time	[id] title	presenter
4:00 PM	[11] Towards Quantum Simulation of Random Spin Models	Mr SAUERWEIN, Nick
4:30 PM	[12] Interferometry with muonium atoms	Prof. SOTER, Anna
5:00 PM	[16] Quantum classifiers for high energy physics	Mr BELIS, Vasilis

Friday, January 21, 2022

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time	[id] title	presenter
4:00 PM	[24] Ultra low dissipation mechanical resonators for sensing and optomechanics	Dr ENGELSEN, Nils
4:30 PM	[26] Quantum cascade laser stabilization and optimized coating solutions for mid-infrared precision spectroscopy	KOMAGATA, Kenichi
4:50 PM	[27] Intra-oscillator high harmonic generation inside an ultrafast thin-disk laser – a single-stage, MHz-repetition-rate XUV source	FISCHER, Julian
5:10 PM	[13] Towards spectroscopy of a single H ²⁺ ion	Mr SCHWEGLER, Nick