

Tuesday - 13 May 2025

Quantum
Photonics

ZEIT	Title / Speaker	FORUM
10.00 - 10.30	OPENING Prof. Dr. Tünnermann // Fraunhofer IOF - Michael Kynast // Messe Erfurt - Mario Suckert // Staatssekretär	
10.30 - 11.00	KEYNOTE Superconducting Kerr Parametric Oscillators based Bosonic Qubit - Prof. Jaw-Shen Tsai // University Tokio	
11.00 - 11.30	Quantum Inside Bundesdruckerei: A Practical Approach - Dr. Oliver Muth // Bundesdruckerei	Quantum for Cyber Security
11.30 - 12.00	Status of the Quantum Key Distribution Testbeds in Thuringia, Germany and Europe. - Prof. Dr. Thomas Hühn // Hochschule Nordhausen	Quantum for Cyber Security
12.00 - 12.30	How does Quantum Technology redefine Data Security? - Dr. Thomas Lebeth // dacoso	Quantum for Cyber Security
12.30 - 13.00	Quantum safe networks - Prof. Dr. Christoph Marquardt // MPL/FAU	Quantum for Cyber Security
13.00 - 13.30	Lunchbreak	
13.30 - 14.00	KEYNOTE Towards an artificial muse for new ideas in Physics - Dr. Mario Krenn // Max-Planck-Institute	
14.00 - 14.30	Quantum Computing and the path to Quantum Advantage - Dr. Rainer Lahmann // IBM	Quantum meets AI
14.30 - 15.00	Machine Learning: Quantum Computers to Higgs Bosons & back - Dr. Florentin Reiter // Fraunhofer IAF	Quantum meets AI
15.00 - 15.30	Quo vadis, quantum machine learning - Prof. Jens Eisert // FU Berlin	Quantum meets AI