

QuantERA Poster Session

QuantERA Call 2025

μQOC	Microcombs for Quantum Optical Clocks
AL FreSQO	Atom-Light Free-Space Quantum Optics networking
APPSUNCAP	Applications of Superconducting Non-Linear Capacitors
DEMAND	Deterministic Electrically-driven Monolithic Architecture for quantum Network Distribution
DISQO	DISordered-tailored Quantum Optical sensor
EXCEL-QKD	Exploration of Cell-free Quantum Key Distribution
FALCON	Fault tolerant control of warm ions
ICON	Hollow Core Fibers for Quantum Communication with Quantum Dots
IgnisQNC	Harnessing Quantum Uncertainty: Trustworthy Quantum Neural Computing for Quantum Utility
IQNoVa	Interconnected Quantum Nodes Benchmarking and Validation
LINQSENS	Loss-tolerant INTeGrated Quantum SENSors based on nonlinear interferometry
Q-SPEC3D	Quantum-enabled SPECTral 3D imaging and estimation
QuantI-PEP	multi-modal Quantum Imaging of cellular metabolism for high throughput screening for peptide-based cancer vaccines
QuantLIGs	Quantum Tuning of "Laser Induced Graphene" for Sensing
Quantum4Health	Quantum Imaging System for Intraoperative Highly Effective Diagnostics Allowing Gentle Tumor Surgery and High Impact for Healing
QUICFIRE	QUantum Internet Components in all-Fibre REalisation for low-loss entanglement distribution
SINPHONI	On-chip Moiré Single-Photon Emitters for Quantum Communications
TeRaRy	Precision terahertz-radiation detection with Rydberg atoms
2DQUEST	Quantum Engineering in Superconducting Graphene for Topological Qubits
BATIR LE CHAT	Bosonic quAntum compuTeRs, LEarning, CHaracterization And Testing
CoMaQLev	Magnetically Co-Levitated Superconductors in the Quantum Regime
DigiAnaQsim	Digital methods in analog quantum simulation
ENTUNE	Entangled and Tunable Nanomechanical Quantum Systems
EQUALITIES	Efficient Fault-Tolerant Quantum Computing via Fine-Grained Logic Gates on Qudit Codes
EQUINOCS	Enhanced quantum interactions for optical clocks
FeedbacQ	Feedback-enabled quantum optimization and control
HEMS	Heat and Entropy Management in Superconducting Devices
INTEGRA	Innovative Architectures for Next-Generation Trapped Atom Interferometers
MultiQS	Super-resolved MULTI-parameter Quantum Sensing with arrays of diamond nanoneedles
QM3L	Quantum protocols for Multimode Mechanics advanced by Machine Learning
QNA	Quantum Network Algorithms
QUARCKS	Quantum Robust hyper-Clocks and atomic Sensors
QUASIMODO	QUAntum Simulations with MulticOmponent ultracold atOms
ResonaTHOR	Resonator-based nuclear optical frequency reference
SDPCode	Semidefinite foundations for quantum codes: convergence, bounds, and constructions
STAQuS	Synthetic Topological Andreev States: Protected Qubits & Simulators
TEMISIS	Taming the tElecom eMission of Spin-defects Integrated in Silicon
ToDiQT	Towards Device-independent Quantum Technologies
ULTRANARROW	Ultranarrow optical and spin transitions in ultrapure crystals

QuantERA Call 2021 & 2023

QM3	Quantum Multi-Modal Microscopy
AQuSeND	Advanced Quantum Sensing with NanoDiamonds
COMPHORT	Quantum Communications with bright solid-state single-Photon emitters at Room Temperature
COMPUTE	nonCommutative polynOMial oPtimisation for qUanTum nEtworks
ElQuRes	Electronic Quantum Resources
EXTRASENS	Color centers in diamond nanoneedles for intra- and EXTRA-cellular quantum SENSing
MEEDGARD	Protection of quantum information in small clusters of qubits
MENTA	Accessible Quantifiers of Multipartite Entanglement in Atomic Systems
QISS-ME	All-Silicon Quantum Key Distribution Circuits for Monolithic Datacenter Engines
QNet	Transport, metastability, and neuromorphic applications in quantum networks
SiCqurTech	Silicon Carbide Qubits towards a Fab-Ready Technology