

QIPC projects in FP5 and FP6

6th Framework Programme

- **Integrated Projects**

- **EuroSQIP** - European Superconducting Quantum Information Processor
[::Project fact sheet::](#) - [::Project website::](#)
- **QAP** - Qubit Applications
[::Project fact sheet::](#) - [::Project website::](#)
- **SCALA** - Scalable Quantum Computing with Light and Atoms
[::Project fact sheet::](#) - [::Project website::](#)

- **STREPs**

- **COVAQIAL** - Continuous Variable Quantum Information with Atoms and Light
[::Project fact sheet::](#) - [::Project website::](#)
- **QUELE** - Quantum Computing with Trapped Electrons
[::Project fact sheet::](#) - [::Project website::](#)
- **RSFQUBIT** - RSFQ Control of Josephson Junctions Qubits
[::Project fact sheet::](#) - [::Project website::](#)
- **OLAQUI** - Optical lattices and quantum information
[::Project fact sheet::](#) - [::Project website::](#)
- **ACDET** - Acoustoelectronic single photon detector
[::Project fact sheet::](#) - [::Project website::](#)
- **MICROTRAP** - Development of pan-European micro-trap technology capability for trapped ion quantum information science
[::Project fact sheet::](#) - [::Project website::](#)
- **QICS** - Foundational Structures of Quantum Information and Computation
[::Project fact sheet::](#) - [::Project website::](#)
- **EQUIND** - Engineered Quantum Information in Nanostructured Diamond
[::Project fact sheet::](#) - [::Project website::](#)

5th Framework Programme

- **ACQP** - Atom Chip Quantum Processor
[::Project fact sheet::](#) - [::Project website::](#)
- **ACQUIRE** - Atomics Chips for Quantum Information Research
[::Project fact sheet::](#) - [::Project website::](#)
- **ATESIT** - Active Teleportation and Entangled State Information Technology
[::Project fact sheet::](#) - [::Project website::](#)
- **CECQDM** - Control of the electronic coupling in quantum dot molecules
[::Project fact sheet::](#) - [::Project website::](#)
- **EDIQIP** - Effects of Decoherence and Imperfections for Quantum Information Processing
[::Project fact sheet::](#) - [::Project website::](#)
- **EQUIP** - Entanglement in Quantum Information Processing and Communication
[::Project fact sheet::](#) - [::Project website::](#)

- **EQUIS** - Enabling Technologies for Quantum Information Systems
[::Project fact sheet::](#) - [::Project website::](#)
- **ESQUIRE** - Experimental realisation of quantum gates and development of scalable of quantum computer schemes in rare-earth-ion-doped inorganic crystals
[::Project fact sheet::](#) - [::Project website::](#)
- **ESRQC** - Electron Spin Resonance Quantum Computing
[::Project fact sheet::](#) - [::Project website::](#)
- **MAGQIP** - Magnetic Systems as Candidates for Quantum Computing Hardware
[::Project fact sheet::](#) - [::Project website::](#)
- **NSP-SI** - Electrical Detection of nuclear spin polaritization in Si/SiGe heterostructures as the first step to the Nuclear Spin Quantum Computer
[::Project fact sheet::](#) - [::Project website::](#)
- **PROSECCO** - Protocols for Secure Computations
[::Project fact sheet::](#) - [::Project website::](#)
- **Q-ACTA** - Quantum Computation: novel algorithms and their man-body implementation
[::Project fact sheet::](#) - [::Project website::](#)
- **QAIP** - Quantum Algorithms and Information Processing
[::Project fact sheet::](#) - [::Project website::](#)
- **QGATES** - Quantum Gates and Elementary Scalable Processor Using Deterministically Addressed Atoms
[::Project fact sheet::](#) - [::Project website::](#)
- **QIPD-DF** - Study for the construction of a Quantum Information Processing device using Doped Fullerenes
[::Project fact sheet::](#) - [::Project website::](#)
- **QIPDDF-ROSES** - A study for the construction of a Quantum Information Processing Device using Doped Fullerenes and with the ReadOut of Single Electron Spin
[::Project fact sheet::](#) - [::Project website::](#)
- **QUANTIM** - Quantum Images
[::Project fact sheet::](#) - [::Project website::](#)
- **QUBITS** - Quantum Based Information Processing and Transfer Using Single Atoms and Photons
[::Project fact sheet::](#) - [::Project website::](#)
- **QUCOMM** - Long Distance Photonic Quantum Communication
[::Project fact sheet::](#) - [::Project website::](#)
- **QUELE** - Quantum Computing with Trapped Electrons
[::Project fact sheet::](#) - [::Project website::](#)
- **QUICOV** - Quantum information with continuous variables
[::Project fact sheet::](#) - [::Project website::](#)
- **QUPRODIS** - Quantum Properties of Distributed Systems
[::Project fact sheet::](#) - [::Project website::](#)
- **RAMBOQ** - Probabilistic Gates Making Binary Optical Quanta
[::Project fact sheet::](#) - [::Project website::](#)
- **REQC HARDWARE** - Development of quantum computer hardware based on rare-earth-ion-doped inorganic crystals
[::Project fact sheet::](#) - [::Project website::](#)
- **RESQ** - Resources for Quantum Information
[::Project fact sheet::](#) - [::Project website::](#)
- **S4P** - Solid State Resources for Single Photons
[::Project fact sheet::](#) - [::Project website::](#)
- **SAWPHOTON** - Single electron source generating individual photons for secure optical communications
[::Project fact sheet::](#) - [::Project website::](#)
- **SIQUIP** - Silicon Quantum Information Processing
[::Project fact sheet::](#) - [::Project website::](#)
- **SQID** - Semiconductor based implementation of quantum information devices
[::Project fact sheet::](#) - [::Project website::](#)
- **SQUBIT** - Superconducting Qubits: Quantum computing with Josephson Junctions
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- **SQUBIT-2** - Superconducting Qubits: Quantum Computing with Josephson Junctions

QIPC projects in FP5 and FP6

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[::Project fact sheet::](#) - [::Project website::](#)

- **TOPQUIP** - Topological Quantum Information Processing
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