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 Polarization 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]
- **QIPDFD-ROSES** - 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
  - [Project fact sheet]
  - [Project website]
- **SQUBIT-2** - Superconducting Qubits: Quantum Computing with Josephson Junctions
::Project fact sheet:: - ::Project website::

- **TOPQUIP** - Topological Quantum Information Processing

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