

RESEARCH CONFERENCES

ESF-FWF Conference in Partnership with LFUI on Quantum Engineering of States and Devices: Theory and Experiments

Poster Session I			
	Surname	First Name	Title
1	Banchi	Leonardo	Quantum communication through the internal dynamics of a finite size XY-Heisenberg spin chain
2	Barberan	Nuria	Geometric potentials as a tool to produce strongly correlated states in cold Bose gases
3	Bariani	Francesco	Photon wave-packet manipulation via dynamic electromagnetically induced transparency in multilayer structures
4	Beige	Almut	Energy concentration in composite quantum systems
5	Bodet	Cédric	Two-mode Bose gas: Beyond classical squeezing
6	Boozarjmehr	Maryam	Microcavity Polaritons as an Entanglement Source
7	Brantut	Jean-Philippe	Density fluctuations in a cold Fermi gas
8	Brito	Frederico	Decoherence of floating qubits due to capacitive coupling
9	Bruno	Alessandro	Novel fabrication techniques for low-decoherence superconducting QuBit
10	Cancellieri	Emiliano	Spatial coexistence of superfluid and supersonic behaviors of microcavity polaritons
11	Chirolli	Luca	Superconducting resonators as beam splitters for linear-optics quantum computation
12	Cirillo	Antonio	Frustration of decoherence in quantum devices
13	Dagnino	Daniel	Geometric potentials as a tool to produce strongly correlated states in cold Bose gases
14	Dalmonte	Marcello	Atomic color superfluidity via three-body loss
15	De Luca	Andrea	Quench dynamics and topological phases
16	Dell'anna	Luca	Effect of disorder on the critical temperature of a lattice Bose gas
17	Dikovsky	Valery	Analysis of 3D atom confinement in a superconducting atom chip
18	Dominguez	Daniel	Dynamics of strongly driven flux qubits
19	Ferreyrol	Franck	Implementation of a non-deterministic optical noiseless amplifier
20	Ferrini	Giulia	Quantum macroscopic superpositions and classical noise in a Bose Josephson junction
21	Gerace	Dario	Fermionized photons in a driven-dissipative cavity-QED array
22	Gneiting	Clemens	Nonclassical correlations in the motion of dissociated Feshbach molecules
23	Haack	Géraldine	The Mach-Zehnder Interferometer as parity meter and quantum entangler
24	Hallwood	David Willian	Engineering Robust Mesoscopic Superpositions of Superfluid currents