

Monday - December 4, 2006		Tuesday - December 5, 2006		Wednesday - December 6, 2006		Thursday - December 7, 2006	
9:00-9:25	welcome	9:00 - 9:35	Bimonte	9:00 - 9:35	Kurizki	9:00 - 9:35	Filipp
9:25-10:00	Cirillo	9:35 - 10:10	DegliEsposti Boschi	9:35 - 10:10	Marzoli	9:35 - 10:10	Ota
10:00-10:35	Mataloni	10:10 - 10:35	Manko M	10:10 - 10:35	Di Giuseppe	10:10 - 10:35	Shumovsky
10:35-11:00	Chiarello	10:35 - 11:00	Plastina	10:35 - 11:00	Porzio	10:35 - 11:00	Chung
11:00-11:25	coffee break	11:00-11:25	coffee break	11:00-11:25	coffee break	11:00-11:25	coffee break
11:25-12:00	Illuminati	11:25 - 12:00	Yuasa	11:25 - 12:00	Petruccione	11:25 - 12:00	Minardi
12:00-12:35	Benenti	12:00 - 12:35	Facchi	12:00 - 12:35	Pieri	12:00 - 12:35	Brambilla
12:35-13:00	Pupillo	12:35 - 13:00	Retzker	12:35 - 13:00	Sciarrino	12:35 - 13:00	Sergi
13:00-15:00	lunch	13:00-15:00	lunch	13:00-15:00	lunch	13:00-15:00	lunch
15:00-15:35	Johansson	15:00 - 15:35	Zanardi	15:00 - 15:35	Manko V	15:00 - 15:35	Smerzi
15:35-16:10	Sodano	15:35 - 16:10	Montangelo	15:35 - 16:10	Lamine	15:35 - 16:10	Scala
16:10-16:35	Giorgi	16:10 - 16:35	Buscemi	16:10 - 16:35	Lupo	16:10 - 16:35	Krivitsky
16:35-17:00	Ciccarello	16:35-17:00	Abdel-Aty	16:35-17:00	Paternostro	16:35-17:00	Pietreanu
17:00-17:25	coffee break	17:00-17:25	coffee break	17:00-17:25	coffee break	17:00-17:25	coffee break
17:25-18:00	Groenbech-Jensen	17:25 - 18:00	Morsch	17:25 - 17:50	Paladino	17:25 - 18:00	Giovannetti
18:00-18:35	Antezza	18:00 - 18:35	Verrucchi	17.50 - 18:15	Hartmann	18:00	closing rem.
18:35-19:00	Miyamoto	18:45-20:00	poster session	18:15 -18:40	Genoni		

LONG TALKS (30+5 min.)

ANTEZZA M.	Thermal effects of the Casimir force for surface-atom and surface-surface configurations
BENENTI G.	Quantum ratchets for periodically kicked cold atoms and Bose-Einstein condensates
BIMONTE G.	Casimir effect in Naples
BRAMBILLA E.	Quantum imaging and the detection of weak objects
CIRILLO M.	Experiments on quantum statistics effects in Josephson junctions arrays
DEGLI ESPOSTI BOSCHI C.	Entanglement in strongly correlated systems: scaling at critical points vs long-distance entanglement in condensed matter physics
FACCHI P.	Probability density function characterization of multipartite entanglement
FILIPP S.	Phases and entanglement in neutron interference experiments
GIOVANNETTI V.	Entanglement and statistics in Hong-Ou-Mandel interferometry
GRONBECH-JENSEN N.	Rabi-type oscillations, Ramsey-type fringes, and spin-echo-type observations in classical Josephson systems with pulsed microwave perturbations
ILLUMINATI F.	Energy, Entanglement, and Information in Many-Body Atomic and Spin Systems
JOHANSSON G.	Arbitrary accuracy iterative phase estimation algorithm as a two qubit benchmark
KURIZKI G.	Preventing Multipartite Disentanglement by Local Modulations
LAMINE B.	Ultimate decoherence border for matter-wave interferometry
MANKO V.	Star-product in probability representation of quantum states
MARZOLI I.	Spin chains with electrons in Penning traps
MATALONI P.	Quantum manipulation of information by hyperentangled photon states
MINARDI F.	Degenerate quantum gases in periodic and disordered potentials
MONTANGERO S.	Entanglement Entropy dynamics in Heisenberg chains
MORSCH O.	Resonantly enhanced tunnelling in optical lattices
OTA Y.	Entanglement generation from thermal state with low symmetry by quantum gates in liquid state nuclear magnetic resonance
PETRUCCIONE F.	Dynamics of qubits in random environments
PIERI P.	Two-component Fermi systems with density imbalance: from ultracold atoms to semiconductors
SCALA M.	Microscopic derivation of the Jaynes-Cummings model with cavity losses
SMERZI A.	Quantum Interferometry
SODANO P.	Boundary Field Theory Approach to Superconducting Qu-Bits
VERRUCCHI P.	Divergence of the entanglement range in low dimensional quantum systems
YUASA K.	Dynamical Formulation of (Anti-)Bunching
ZANARDI P.	Quantum Information , geometry and critical phenomena

SHORT TALKS (20+5 min.)

ABDEL-ATY M.	Sudden death of entanglement in two-trapped ions
BUSCEMI F.	Linear entropy as an entanglement fermionic measure for an electronic scattering in 2D semiconductor system
CHIARELLO F.	Manipulation and coupling of Josephson qubits
CHUNG S.G.	New method for the quantum ground states in one dimension
CICCARELLO F.	Aharonov-Bohm oscillations in a mesoscopic ring with two entangled magnetic impurities
DI GIUSEPPE G.	Bidirectional Quantum Channels Enter Quantum Security
GENONI M.G.	Information/disturbance trade-off and nondemolitive measurement in discrete and continuous variable systems
GIORGI G.	Finite-size effects in solid-state quantum information processing
HARTMANN M.	Strongly Interacting Polaritons in Coupled Arrays of Cavities
KRIVITSKY L.	Decoherence-Free State within the Line of Type-II Parametric Down-Conversion
LUPO C.	On the robustness against parametric noise of non ideal holonomic gates
MANKO M.	New Entropic Uncertainty Relations and Inequalities for Tomographic Entropies
MIYAMOTO M.	Nonexponential decay of unstable systems at finite temperatures
PALADINO E.	Decoherence in superconducting nanocircuits: Classical vs Quantum noise sources
PATERNOSTRO M.	Reconstructing dynamics and entanglement of an optomechanical system
PIETREANU D.	New experimental limit on the Pauli exclusion principle violation by electrons
PLASTINA F.	Entanglement localization by a single defect in a spin chain
PORZIO A.	Efficient generation of CV entanglement by triply resonant non-degenerate OPA
PUPILLO G.	2D Self-Assembled Crystals with Polar Molecules: Shaping the Interaction Potentials
RETZKER A.	Fast cooling of trapped ions using the dynamical Stark shift gate
SERGI A.	Quantum-classical dynamics at constant temperature: an application of non-hamiltonian brackets
SCIARRINO F.	Distribution and conversion of quantum information over many systems
SHUMOVSKY A.S.	Dynamic Symmetry, Quantum Measurements, and Ubiquitous Entanglement

POSTERS

BELLOMO B.	Diffusion, decoherence and dressing in QED
BONDANI M.	Sub-shot-noise photon-number correlation in mesoscopic twin-beam of light
BUONSANTE P.	Ground-state fidelity and quantum phase transitions in the bose-hubbard model
CAMPOS-VENUTI L.	Long Distance Entanglement
CANCELLIERI E.	Electron decoherence in a semiconductor due to an electron-phonon scattering
COSTANTINI G.	Multipartite entanglement in a quantum phase transition
DELL'ANNO F.	Strong enhancement of quantum teleportation efficiency with non Gaussian states of light
FUBINI A.	Robustness of adiabatic passage through a quantum phase transition
IDE T.	Accidental cloning of a single photon qubit in two-channel continuous-variable teleportation
KLEPP J.	Observation of geometric mixed state phase using neutron polarimetry
KVAAL S.	Highly accurate schemes for two-dimensional quantum dots
MARTINA L.	Symplectic mechanics for semiclassical Bloch wave - packets
PARIS M.	Entanglement transfer from two quantized radiation modes to two atomic qubits
RONCAGLIA M.	Why study measures of entanglement at criticality
SPAGNOLO S.	1. Casimir-Polder potential between two atoms embedded in a magneto-dielectric medium 2. Casimir-Polder interatomic potential at finite temperature in the presence of a conducting plate
VEZZANI A.	Mean-field phase diagram of the disordered Bose-Hubbard model