11th International Conference on Squeezed States and Uncertainty Relations

4th Feynman festival

June 22-26, 2009 Olomouc, Czech Republic

11th International Conference on Squeezed States and Uncertainty Relations

www.icssur09.upol.cz

Main topics:

- coherent states and squeezed states, phase-space methods
- continuous variables and quantum-information processing with continuous variables
- photon pairs, their sources, properties, and applications
- photon-number-resolving detectors, homodyne detection and other detection techniques
- atom and molecular optics with emphasize to non-classical behavior
- cavity QED
- Bose-Einstein condensates
- quantum propagation
- photonic fibers and their nonlinear behavior
- quantum computing, quantum memories
- entanglement and decoherence
- quantum cryptography

Confirmed invited speakers:

Anton Zeilinger Gerhard Rempe Alessandra Andreoni Konrad Banaszek Robert Boyd Marco Genovese Boris Hage Gerd Leuchs Luigi Lugiato Eugene Polzik Malvin Carl Teich Juan P. Torres Werner Vogel Ian Walmsley

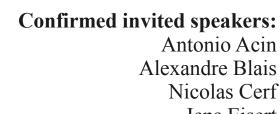
4th Feynman festival

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Main topics:

- quantum information theory
- quantum computing
- solid state quantum information processing
- foundations of quantum theory
- quantum entanglement and its applications
- quantum cryptography







Nicolas Gisin Peter Knight Renato Renner Alexander Retzker Valerio Scarani Harald Weinfurter Michael Wolf Mario Ziman

Both conferences will be held at Palacký University in Olomouc, Czech Republic, in a beautiful historic building Konvikt. Deadline for registration as well as deadline for regular registration fee is **March 15, 2009**. Registration can be done through conference web pages. One page abstracts in plain text including author names, affiliations, and possibly list of references are welcome before March 15, 2009. Conference proceedings will be published on CD ROM and web. Contributions should be sent as a camera-ready pdf file to the conference e-mail addresses icssur2009@jointlab.upol.cz or feynman2009@jointlab.upol.cz before June 30, 2009.