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

4th Feynman festival

www.feynman09.upol.cz

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

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

Confirmed invited speakers:
Antonio Acin
Nicolas Cerf
Jens Eisert
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 is **March 31** and deadline for regular registration fee is **April 30, 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 31, 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.