

CALL FOR PAPERS

11th International Conference on Squeezed States and Uncertainty Relations

and

4th Feynman festival

June 22-26, 2009, Olomouc, Czech Republic

Both conferences will be held at Palacký University in Olomouc, Czech Republic in a beautiful historic building Konvikt during the week from June 22 to June 26, 2009. They will provide a forum for disseminating new results in quantum optics, quantum information and discussing new ideas in the field.

Both conferences will be composed of invited review talks together with usual talks and posters.

Deadline for registration is March 31 and deadline for regular registration fee is April 30, 2009. Participants will be notified about acceptance of their oral or poster contribution before April 15, 2009. The Registration can be done through conference web pages at www.icssur09.upol.cz or www.feynman09.upol.cz. We would like to encourage you to reserve your accommodation early because of other events running in Olomouc at the conference time.

One page abstracts in plain text including author names, affiliations, and possibly list of references are welcome before March 31, 2009. Figures or tables are not expected. They can be submitted through conference web pages.

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 address before June 30, 2009. The use of Physical Review format (pra, twocolumn option of revtex4 in Latex) is assumed.

More details can be found at conference web pages. The official e-mail addresses for the scientific agenda of both conferences are:

icssur2009@jointlab.upol.cz

feynman2009@jointlab.upol.cz

11th International Conference on Squeezed States and Uncertainty Relations

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:

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

Program and Advisory Board:

Alessandra Andreoni, Marco Bellini, Mario Bertolotti, Robert Boyd, Nicolas Cerf, Eugenio DelRe, Viktor V. Dodonov, Claude Fabre, Akira Furusawa, Marco Genovese, Mark Hillery, Young Kim, Natalia Korolkova, Gerd Leuchs, Ulf Leonhardt, Luigi Lugiato, Alexander Lvovsky, Vladimir Manko, Margarita Manko, Saverio Pascazio, Michel Planat, Harald Rauch, Bahaa E.A. Saleh, Luis Sanchez-Soto, Wolfgang Schleich, Roman Schnabel, Ryszard Tanas, Malvin Carl Teich, Juan P. Torres, Werner Vogel, Apostol Vourdas, Ian Walmsley, Dirk Gunnar Welsch, Anton Zeilinger

Miloslav Dušek, Jaromír Fiurášek, Ondřej Haderka, Miroslav Hrabovský, Vítězslav Mořka, Jan Peřina, Jan Peřina Jr



VENUE

Both scientific meetings (ICSSUR'09 and the Feynman Festival) will be held in Jesuit Konvikt Building of the Palacký University in Olomouc. The Convict is one of the oldest buildings of the university. Large baroque complex, originally belonging to the church and later to the army, has been thoroughly reconstructed for the needs of the university in the nineties and today it hosts the Centrum of Arts of the Palacký University.



The City of Olomouc is placed in the middle of Moravia (eastern part of the Czech Republic). You can reach Olomouc either from Prague or Vienna by train or by car.



4th Feynman Festival

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:

Antonio Acin
Nicolas Cerf
Jens Eisert
Nicolas Gisin
Peter Knight
Renato Renner
Alexander Retzker
Valerio Scarani
Harald Weinfurter
Michael Wolf
Mario Ziman

Program and Advisory Board:

Antonio Acin, Christopher A. Fuchs, Nicolas Gisin, Lucien Hardy, Young S. Kim, Norbert Lutkenhaus, Serge Massar, Sandu Popescu, Harald Weinfurter

Miloslav Dušek, Jaromír Fiurášek, Ondřej Haderka, Miroslav Hrabovský, Vítězslav Motka, Jan Peřina, Jan Peřina Jr

