

First call for papers

4th Feynman festival

June 22-26, 2009, Olomouc, Czech Republic

The 4th Feynman festival will be held at Palacky University in Olomouc, Czech Republic in a beautiful historic building Konvikt during the week from June 22 to June 26, 2009. It will provide a forum for disseminating new results in quantum information theory, quantum computing and foundations of quantum theory and discussing new ideas in the field. It is organized together with the 11th International Conference on Squeezed States and Uncertainty Relations devoted mainly to experimental quantum optics and quantum information processing.

The conference will be composed of invited review talks together with usual talks and posters.

Deadline for registration as well as deadline for payment of regular registration fee is March 15, 2009. Registration can be done through conference web page at www.feynman09.upol.cz. Registration after the deadline is possible upon special request to organizers. We would like to recommend you to reserve your accommodation early because of other events running in Olomouc at the conference time.

One page abstracts in plain text (preferably) or Latex or Word including author names, affiliations, and possibly list of references are welcome before April 30, 2009. Figures or tables are not expected. The abstracts can be submitted through conference web page at www.feynman09.upol.cz.

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 feynman2009@jointlab.upol.cz 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 page at www.feynman09.upol.cz. There is also official e-mail address for agenda of the conference: feynman2009@jointlab.upol.cz

Main topics:

1. Quantum information theory
2. Quantum computing
3. Solid state quantum information processing
4. Foundations of quantum theory
5. Quantum entanglement and its applications
6. Quantum cryptography

Confirmed invited speakers:

Antonio Acin, ICFO, Spain
Alexandre Blais, Sherbrooke University, Canada
Nicolas Cerf, Université Libre de Bruxelles, Belgium
Jens Eisert, University of Potsdam, Germany
Nicolas Gisin, University of Geneva, Switzerland
Peter Knight, Imperial College London, U.K.
Renato Renner, ETH Zurich, Switzerland
Alexander Retzker, Imperial College London, U.K.
Valerio Scarani, National University of Singapore, Singapore
Harald Weinfurter, University of Munich, Germany
Michael Wolf, Niels Bohr Institute, Denmark
Mario Ziman, Slovak Academy of Sciences, Slovakia

Program and Advisory Board:

Antonio Acin, ICFO, Spain
Christopher A. Fuchs, Perimeter Institute, Canada
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Norbert Lutkenhaus, University of Waterloo, Canada
Serge Massar, Université Libre de Bruxelles, Belgium
Sandu Popescu, University of Bristol, U.K.
Harald Weinfurter, University of Munich, Germany

Miloslav Dušek, Department of Optics, Palacky University, Olomouc, Czech Republic
Jaromír Fiurášek, Department of Optics, Palacky University, Olomouc, Czech Republic
Ondřej Haderka, Joint Laboratory of Optics of Palacky University and Institute of Physics AS CR, Olomouc, Czech Republic
Miroslav Hrabovský, Joint Laboratory of Optics of Palacky University and Institute of Physics AS CR, Olomouc, Czech Republic
Vítězslav Mořka, Meopta - optika Prerov, Czech Republic
Jan Peřina, Joint Laboratory of Optics of Palacky University and Institute of Physics AS CR, Olomouc, Czech Republic
Jan Peřina Jr, Joint Laboratory of Optics of Palacky University and Institute of Physics AS CR, Olomouc, Czech Republic