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9th Central European Quantum Information Processing Workshop

June 7–10, 2012, Smolenice, Slovakia

<http://ceqip.eu/>

CEQIP'12 (Central European Quantum Information Processing workshop) is focused on current challenges and paradigms of quantum information processing. It is open for any topic of quantum information theory and this year we plan to focus especially on quantum randomness, schemes for quantum communication, quantum entanglement theory and novel algorithms for simulations of quantum systems.

The workshop will be complemented by the usual rich social program and nice and stimulating atmosphere. We also plan to organize an entertaining *QUANTUM CIPHER GAME* aimed to find a hidden (classical) treasure of Smolenice castle.

ORGANIZERS:

Jan Bouda, Martina Zemanová,
Mário Ziman

PROGRAM COMMITTEE:

Andris Ambainis, Časlav Brukner,
Jan Bouda, Jens Eisert, Beatrix
Hiesmayr, Daniel Nagaj,
Martin Plenio, Mario Ziman

INVITED SPEAKERS:

Dagmar Bruss (Dusserdorf, Germany)*
Paweł Horodecki (Gdańsk, Poland)
Debbie Leung (Waterloo, Canada)
Joe Renes (Zurich, Switzerland)
Frank Verstraete (Wien, Austria)
Andreas Winter (Bristol, UK/Singapore)
* not yet confirmed

INVITED TUTORIAL:

Teiko Heinosaari (Turku, Finland):
Quantum measurement theory



VENUE:

The workshop will be held in *Smolenice Castle* which history dates back to 15th century and currently it serves as the Congress Center of Slovak Academy of Sciences. It is situated approximately 60 km northeast from Bratislava in the central area of smallest Slovakian mountains called Malé Karpaty.

IMPORTANT DATES:

submission deadline: 10.4.2012
abstract acceptance notification: at latest 24.4.2012
registration deadline: 27.4.2012
payment deadline: 10.5.2012

The workshop is organized by Quantum Laboratory, Faculty of Informatics, Masaryk University (Brno) and Research Center for Quantum Information, Institute of Physics, Slovak Academy of Sciences (Bratislava).

