Arctic School on Open Quantum Systems

Kilpisjärvi Biological Station -- Kilpisjärvi, 14-18 December 2015

Lecturers and Topics:

Joachim Ankerhold (University of Ulm):	**"Caldeira-Leggett and Feynman-Vernon path integrals"**
Denis Bernard (CNRS and ENS, Paris):	**"Statistics of Quantum Measurements and Applications"**
Heinz-Peter Breuer (University of Freiburg) :	**" Non-Markovian Quantum Dynamics"**
Dirk-André Deckert (LMU Munich):	**"Interacting many world quantum mechanics"**
Krzysztof Gawędzki (ENS, Lyon):	**"Introduction to [quantum] fluctuation relations"**
Eric Lutz (University of Erlangen-Nürnberg):	**"Quantum heat engines"**
Sabrina Maniscalco (University of Turku):	**"Markovian and non-Markovian quantum jump approach"**
Yasunobu Nakamura (University of Tokyo):	**"Hybrid quantum systems using collective excitations in solid"**
Jukka Pekola (Aalto University):	**"Thermodynamics in quantum circuits"**

More information:

http://wiki.helsinki.fi/display/mathphys/Arctic+School+on+Open+Quantum+Systems

REGISTRATION:

please follow the link from school website

http://goo.gl/gSjYGY

Contact:

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Local organizers

Jukka Pekola	**(chair, Aalto University)**
Antti Kupiainen	**(co-chair, University of Helsinki)**
Ivan Khaymovich	**(Aalto University)**
Paolo Muratore-Ginanneschi	**(University of Helsinki)**

Scientific advisory board:

Tapio Ala-Nissilä	**(Aalto University)**
Sabrina Maniscalco	**(University of Turku)**

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