

11th AUGSBURG-ULM MEETING

February 15, 2010

(room 1004 Hz, building T on the map)

- 9:30 Coffee, tea and Brezeln
- 10:00 Wolfgang P. Schleich and Peter Hänggi
Welcome
- 10:15 Peter Hänggi (Augsburg)
Open quantum systems: The Third Law
- 10:45 Marlan O. Scully (Texas A&M University, USA)
Quantum Thermodynamics: From Carnot to solar cells
- 11:45 Georg Reuther (Augsburg)
*Two-resonator circuit quantum electrodynamics:
Dissipative theory*
- 12:30 *Lunch*
- 14:00 Nathan Harshman (Ulm and American University, USA)
Entanglement in the quantum two-body problem
- 14:30 Alexey Ponomarev (Augsburg)
Energy exchange between two identical quantum systems
- 15:00 Kedar Ranade (Ulm)
Mutually unbiased bases generated by a single unitary operator
- 15:30 Final discussion with coffee, tea, and cake

