



12th ULM – AUGSBURG MEETING
February 21, 2011
Lecture Hall N24/251

- 10:00 Coffee, tea and Brezeln
- 10:30 Wolfgang P. Schleich and Peter Hänggi
Welcome
- 10:45 Peter Siegle (Augsburg)
Markovian embedding of fractional superdiffusion
- 11:15 Sabine Wölk (Ulm)
Shor's algorithm and the factorization with Gauss sums
- 11:45 Wolfgang Häusler (Augsburg)
Magnetic confinement of relativistic electrons in graphene
- 12:30 Lunch
- 14:00 Dennis Heim (Ulm)
Tunable double-well potential for fractional Josephson vortices
- 14:30 Eric Lutz (Augsburg)
Generalized Clausius inequality for nonequilibrium quantum processes
- 15:00 Paul Preiss (Ulm)
Theory of the quantum free-electron laser
- 15:30 Final discussion with coffee, tea and cake