



Seminar zur Quantendynamik von Nanosystemen im Nichtgleichgewicht

Sommersemester 2011
dienstags, 13:30 – 15:00 Uhr (**geändert!!**)
Seminarraum 5

- **5.4.** Vorbesprechung und Themenvergabe
- **19.4. Stephan Weiss:** *Quantum transport with spin-polarized leads*
- **26.4. Stephan Weiss:** *Nonadiabatic contributions to the spin transfer torque*
- **3.5. Vicente Leyton:** *The quantum Duffing oscillator as a qubit detector*
- **10.5. Cesar Mujica:** *Design of a molecular quantum computer with polymers*
- **17.5. Peter Nalbach:** *Quantum coherence in the biomolecular photosynthesis*
- **24.5. Hendrik Papenjohann:** *Exciton transfer dynamics in the LHII*
- **31.5. Victor Bastidas (TU Berlin):** *The driven Dicke model*
- **7.6. Cesar Mujica:** *Nonlinear response theory and classical relations (Sec. II)*
- **21.6. Vicente Leyton:** *Fundamental issues of quantum fluctuation relations (Sec. III)*
- **28.6. No seminar** (DFG Reviewer Meeting)
- **5.7. Peter Nalbach:** *Quantum work fluctuation relations (Sec. IV)*
- **12.7. Hendrik Papenjohann:** *Quantum exchange fluctuation relations (Sec. V) & Experiments (Sec. IV partly)*

Talks on „Quantum Fluctuation Relations“: Campisi, Hänggi, Talkner, Rev. Mod. Phys. Colloquium: arxiv: 1012.2268