



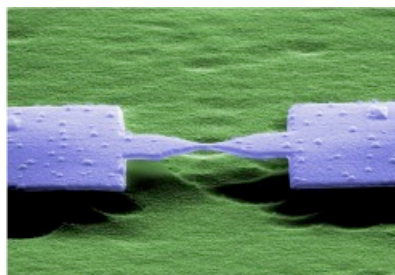
Molecular Electronics

- Miniworkshop, March 04, 2008 -
Department of Physics, Room P603



Timetable

- 11:00 Talks
- 13:00 Lunch
- 14:00 Poster session, laboratories
- 15:00 Talks



Morning session

- 11:00 Simon Verleger - *Measuring molecules in solvents*
- 11:20 Thomas Kirchner - *Contacting single organic molecules in solution*
- 11:40 Tobias Böhler - *Electronic transport through C60 with Al electrodes*
- 12:00 Fabian Pauly - *DFT-based quantum transport and its applications*
- 12:20 Marius Bürkle - *Charge transport through biphenyl-based molecules and tetrathiafulvalene wires*
- 12:40 Jochen Grebing - *Electronic transport measurements on size selected silicon clusters*

Afternoon session

- 15:00 Janne Viljas - *Modelling elastic and photo-assisted transport in organic molecular wires*
- 15:20 Markus Schmotz - *Influence of laser light onto the electronic transport through a gate-controlled atomic quantum switch*
- 15:40 Jan Hammer - *Conductance and current correlations under AC-bias. Quantum noise vs. photo-assisted transport*