



location

arrival by car

Follow B19 (from Kempten) up to the roundabout outside of Oberstdorf. Take the exit Kleinwalertal (B19-201). Follow the road up to Riezlern, immediately after the bridge at the end of the village turn right onto Schwarzwassertalstraße and follow the road. Turn left at the T-junction and follow the road until shortly after Café Walserblick. There turn left onto Schöntalweg.

If the last bit of road is unmanageable for your vehicle, parking space in the village can be arranged.

Please note that snow chains are highly recommended.

arrival by train

Take the train to Oberstdorf. From there take a taxi to Söllerhaus (the destination is known to the local taxi drivers). A regular taxi is about 15€. Also available are taxi-vans which are recommended if you plan to bring sports equipment.

Please let the organisers know in advance when your train arrives, a taxi will then be reserved for you.

departure by helicopter

If you manage to break some bones on the ski slope, a flight to Oberstdorf can be arranged. In case of serious internal injuries you might even get a free flight to Munich.



2. winter school of the research group 912

söllerhaus, hirschegg

07.-10.04.2010



conference address

Söllerhaus
Schöntalweg 10
6992 Hirschegg, Austria
phone: +43 5517 5354
fax: +43 5517 53544

organisation

Sebastian Smerat, LMU München,
Philipp Struck, Universität Konstanz

program

wednesday 07.04.2010

18:00 welcome dinner

thursday 08.04.2010

08:00 breakfast

09:00 Franziska Maier guest

Dirac Fermions in graphene with boundary conditions

09:30 András Pály invited

Spin-valley blockade in carbon-based double quantum dots

10:30 coffee break

11:00 Matthias Droth guest

Phonons and spin relaxation in graphene

11:30 Klaus Ensslin invited

Phonon mediated spin relaxation in graphene nano ribbons

12:30 lunch break

14:00 Niko Tombros invited

tba

15:00 Philipp Struck TP10

Effective time-reversal symmetry breaking due to spin-relaxation in a graphene quantum dot

15:30 coffee break

16:00 Sebastian Smerat TP 9

Sequential tunneling in Carbo Nanotube Ropes

16:30 Karin Goss TP 2

Competing transport channels of quantum dots within a carbon nanotube rope

17:00 Robert Frielinghaus TP 2

Correlation of Transport, Raman and TEM measurements on functionalized Carbon

18:30 dinner

friday 09.04.2010

08:00 breakfast

09:00 Raphael Bildel TP 6

Combined AFM - STM for applications at low temperatures (300mK) and high magnetic fields (14T)

09:30 Nils Freitag TP 6

Preparation of graphene samples

11:00 Alexander Georgi TP 6

STM measurements on graphene at room temperature

10:30 coffee break

10:30 Tsung-Yeh Yang, Anna Schäfer TP 6

Spintransport in Graphene at room temperature

11:00 Sebastian Kühlen TP 1

Time-resolved studies of current-induced spin polarization in strained InGaAs/GaAs structures

11:30 Philipp Schäfers TP 1

Selective Optical Excitation of In-Plane and Out-of-Plane Spin Polarizations with Linearly Polarized Light in In-GaAs

12:30 lunch break

14:00 open discussion

18:30 dinner



saturday 10.04.2010

08:00 breakfast

09:00 Hemke Maeter TP 5

Investigation of spin transport in the antiferromagnetic S=1/2 Heisenberg chain SrCuO₂ with muon spin relaxation

09:30 Oleg Mityashkin guest

New approaches to time-resolved heat transport experiments

10:00 coffee break

10:30 Stephan Langer TP 4

Linear response theory for quantum systems

11:00 Christoph Schwark guest

Electrical injection and detection of coherent spins across an Fe/GaAs barrier

