

Preliminary Program of the SPP 1285 Meeting in Hannover 2012

(Version 5.10.2012, 13pm)

Monday, 8.10.2012

12.00 - 13.00 pm	Coffee and bread rolls	
13.00 - 13.10 pm	Michael Oestreich	Address of Welcome
13.10 - 13.40 pm	Ilya Akimov	Magnetic Field Control of Photon Echo in the Electron-Trion System
13.40 - 14.10 pm	Tobias Kießling	Hot Carrier Effects on Lateral Electron Spin Diffusion in n-Type GaAs
14.10 - 14.40 pm	Jens Hübner	Ultrafast Spin Noise Spectroscopy
14.40 - 15.20 pm	Coffee break	
15.20 - 15.50 pm	Jorg Debus	Spin-flip Raman Scattering in Low-Dimensional Structures with Resident Carriers
15.50 - 16.20 pm	Jörg Rudolph	Spin Relaxation in GaN: Density and Temperature Dependence
16.20 - 16.50 pm	Guido Burkard	Coherent Adiabatic Spin Control
17.00 - 18.30 pm	Poster Session + Coffee	
ab 19.00 pm	Dinner	

Tuesday, 9.10.2012

9.00 - 9.30 am	Vera Lechner	Gate-controlled Persistent Spin Helix State in Materials with Strong Spin-Orbit Interaction
9.30 - 10.00 am	Martin Gmitra	Spin-orbit Coupling in Graphene Structures
10.00 - 10.30 am	Mariusz Ciorga	All-electrical Measurements of the Spin Hall Effect in GaAs with Esaki Diode Electrodes
10.30 - 11.00 am	Coffee break	
11.00 - 11.30 am	Matthias Opel	Spin Transport and Spin Dephasing in Zinc Oxide
11.30 - 11.45 am	Dietrich Rothe	Spin-dependent Thermoelectric Transport in HgTe/CdTe Quantum Wells
11.45 - 12.00 am	Dave English	Spin Relaxation and g-Factor Anisotropy in GaAs Quantum Wells
12.00 - 12.30 pm	Jan Heyder	Microscopic Origin of the 0.7-Anomaly in Quantum Point Contacts
12.30- 14.30 pm	Bread rolls + Coffee + Poster	
14.30 - 15.00 pm	Jens Michelsen	Superconducting Proximity Effect in Spin-orbit Coupled Semiconducting Films
15.00 - 15.30 pm	Panagiotis Kotetes	Topological Spin Transport in Semiconductor/Superconductor Heterostructures
15.30 - 16.00 pm	Michael Marthaler	Spin Torque Switching in the Thermally Activated Region
16.00 pm	End + Coffee	

Poster

1	Aymen Ben Hamida	Magnetoresistance measurements and dynamics in GaMnAs-based devices
2	Rudolf Bratschitsch	Ultrafast spin dynamics in ZnO and ZnCoO
3	Niklas Rohling	Universal quantum computing with spin and valley states
4	Tobias Korn	Long-lived hole spin dynamics in p-doped and coupled quantum well systems
5	Paulo Santos	Electrical suppression of spin relaxation in GaAs(111)B Quantum Wells
6	Benjamin Baxevanis	Signatures of Coulomb correlations and spin relaxation in the charging dynamics of quantum dots
7	Marc Wilde	Spin-orbit coupling in the magnetization of semiconductor nanostructures
8	Hartmut Buhmann	Bias-dependent QPC-spectroscopy
9	Markus Stallhofer	Mesoscopic non-equilibrium spin and charge transport - length and time scales
10	Ashish Rai	Anomalous Hall effect in Gd Implanted GaN/AlGaN Heterostructures
11	Martin Wenderoth	Magnetic and Structural Properties of the Fe-GaAs(110) Interface Investigated by In-Situ MOKE, STM, and
12	Jie Huang	Electron and hole spin dynamics in ZnO quantum wells
13	Bernd Beschoten	Coherent optical manipulation of donor spins in ZnO
14	Dave English	Spin relaxation and g-factor anisotropy in GaAs quantum wells
15	Ilya Akimov	Magnetic Field Control of Photon Echo in the Electron-Trion System
16	Valentin Kachorovskii	High-temperature Aharonov-Bohm-Casher interferometer
17	Olivio Chiatti	???

1 LEED Measurements