

Wednesday, 13th May 2009

08.00 – 08.45	ARRIVAL, REGISTRATION	
08.45 – 09.15	B. Büchner S. Wurmehl	Opening and Welcome Organisational Issues
	<i><u>Chair: B. Büchner</u></i>	
09.15 – 10.00	G. Güntherodt	Laser (Heat) Pulse Triggering of Polar Non-Equilibrium Magnetization Dynamics in Exchange-Biased Fe/MnF ₂ (110)
10.00 – 10.20	T. Dienel	Hybrid Heterostructures for Thermoelectrics
10.20 – 11.05	C. Felser	Semiconducting ternary Heusler compounds: Thermoelectric Properties
11.05 – 11.35	COFFEE BREAK	
	<i><u>Chair: X. Zotos</u></i>	
11.35 – 12.05	M. Otter	Visualizing Heat Transport in Quantum Magnets
12.05 – 12.50	D. Grundler	Spin Dynamics in Nanomagnets and Hybrid Systems probed by GHz Spectroscopy
12.50 – 14.00	LUNCH BREAK	
14.00 – 17.30	SIGHTSEEING	

Thursday, 14th May 2009

Chair: W. Brenig

- 08.45 – 09.30 **G.E.W. Bauer** Coupled Heat and Spin Currents in Magnetic Nanostructures
- 09.30 – 10.15 **B. Koopmans** Femtosecond Laser-Induced Demagnetization from a Thermodynamic Perspective
- 10.15 – 11.00 **B. Hillebrands** Transport Phenomena using Spin Waves

11.00 – 11.15 **COFFEE BREAK**

Chair: B. Hillebrands

- 11.15 – 11.45 **M. Kläui** The Influence of Temperature and Spin Currents on Magnetization Dynamics
- 11.45 – 12.15 **C. Hess** Heat Conduction of Low Dimensional Quantum Magnets
- 12.15 – 12.45 **X. Zotos** Ballistic Thermal Transport in 1D Correlated Systems

12.45 – 14.15 **LUNCH BREAK**

Chair: G. Güntherodt

- 14.15 – 14.45 **C.H. Back** The Influence of Temperature Effects on the Magnetization Dynamics of GaMnAs
- 14.45 – 15.30 **M. Münzenberg** Energy Dissipation in Spin Systems after Femtosecond Laser Excitation: Tracking the Elementary Processes and Energy Transport by High Energy Spin Waves?

20.00 – 24.00 **CONFERENCE DINNER**
at the “Carolaschlößchen”

Friday, 15th May 2009

Chair: M. Aeschlimann

08.45 – 09.30	L.W. Molenkamp	Thermoelectric Properties of Spintronic Nanostructures
09.30 – 10.15	K. Nielsch	Magnetic and Thermoelectric Nanowires
10.15 – 10.45	A. Rastelli	Ultralow Thermal Conductivity of Si with Embedded SiGe Nanoclusters
10.45 – 11.00	COFFEE BREAK	

Chair: B. Koopmans

11.00 – 11.30	W. Brenig	High-Field Dynamics of Quantum Spin Chains
11.30 – 12.00	F. Heidrich-Meisner	Numerical Studies of Transport and Non-Equilibrium Dynamics in Quasi-One Dimensional Electron Systems
12.00 – 12.30	H.J. Elmers	Spin-Resolved Unoccupied Density of States in Heusler Alloys
12.30 – 12.45	C. Felser	Concluding Remarks and Goodbye
13.00	DEPARTURE	