Program for the 3rd Internal Conference on Semiconductors and Solid State Physics (iCPS^3)

October 1st 2014

Management Zentrum, MZ 003A

- Morning session I *(Chaired by Magdalena Schatzl)*

Time	Speaker	Title
09:00-09:10	Armando Rastelli	Welcome and opening remarks
09:10-09:30	Julian Stangl	News from reciprocal space: the plans of the Bragg-Laue gang
09:30-09:50	Tanja Etzelstorfer	X-ray scattering studies on ultra-thin (potentially) direct bandgap Si/Ge superlattices
09:50-10:10	Yang Hu	Measuring the cross-plane electrical conductivity of Si/Ge superlattice by modified transfer length method
10:10-10:30	Pei Chen	Thermal transport through Ge-rich multilayer
Coffee Break		

- Morning session II *(Chaired by Lada Vukušić)*

Time	Speaker	Title
11:00-11:30	Armando Rastelli	Tutorial talk: How to write a paper
11:30-11:50	Alberta Bonanni	Magnetic Spin Materials group
11:50-12:20	Andreas Grois	Optical and magnetic resonance studies on GaN based magnetic semiconductor materials
Lunch Break		

- Afternoon session I *(Chaired by Bastian Henne)*

Time	Speaker	Title
13:30-13:50	Andreas Ney	Current activities of the Magnetic Oxides group
13:50-14:10	Florentina Pfleger	ZnO and Co-doped ZnO used as active layers in all oxide PV cells
14:10-14:30	Shibo Wang	MgO as diffusion barrier between ferromagnetic material and GaAs (001)
14:30-14:50	Stefan Müllegger	Radio frequency STM: from nanoscopic resonators to single-molecule magnets
Coffee Break		

- Afternoon session II *(Chaired by: Johannes Wildmann)*

Time	Speaker	Title
15:20-16:10	Ana Predojević	Tutorial talk: Quantum optics and quantum information using semiconductor quantum dots
16:10-16:30	Johannes Aberl	Strain-induced tuning of exciton built-in dipole moment in In(Ga)As quantum dots
16:30-16:50	Magdalena Schatzl	Photoluminescence Investigations of Photonic Crystal Resonators with Embedded SiGe Quantum Dots
16:50-17:20	Patrick Rauter	SiGe intersubband emitter in the terahertz
17:20-17:40	Giorgos Katsaros	Towards transport in two dimensional Ge hole gases
Final remarks and refreshments		