

Programm der Studientage des Forschungsstudiengangs Erlangen-Regensburg vom
28.06.-29.06.2017

June 27, 2017

Time	Wednesday	Thursday
10:00-13:00	ARRIVAL	lecture hall B 10:00-11:00 Thomas Heid <i>Astrophysical neutrinos: yes, but which ones</i>
		11:00-11:45 Johannes Baumann <i>Superconducting junctions in 2-dimensional hetero-structures</i>
		11:45-13:15 LUNCH BREAK
13:00-14:00	lecture hall B Martin Eckstein (FAU) <i>Manipulating complex phases in solids with ultra-short light-pulses</i>	lecture hall B 13:15-13:45 Valentin Klüsener <i>Dielectric Waveguides for Solid State Quantum Memories</i>
14:00-14:45	Nico Bassler <i>Analysis of muon events with tau double bang reconstruction</i> <i>Belle Starr</i>	13:45-14:15 Michelle Küppers <i>Whispering-gallery-mode biosensing for label-free detection</i>
	lecture hall C Fabian Sandner <i>Ultrafast switching of interface polaritons on black phosphorus</i>	14:15-15:00 Jasmin Graf <i>Micromagnetic simulations for optomagnonic systems</i>
14:45-15:15	COFFEE BREAK	15:00-15:30 COFFEE BREAK
15:15-15:45	lecture hall B Simon Grosse-Holz <i>Field induced symmetry breaking induces motion of hydrophobic particles in water</i>	lecture hall B 15:30-16:00 Luisa Späth <i>Expansion of the accessible THz spectrum with fiber optics</i>
15:45-16:30	Mathias Steinhuber <i>Quantum interferences of solitons in interacting Bose fields: a semiclassical approach</i>	16:00-16:30 Dominik Rattenbacher <i>The effect of electron scattering on attosecond interferometry</i>
16:30-17:00	Carmen Roelcke <i>Recording ultrafast snapshots of single molecules' individual orbitals</i>	
	lecture hall C Johannes Schumann <i>Automated PMT characterization analysis for CTA</i>	
	Patrick Ketzko <i>Calibration of Photomultiplier Tubes</i>	
	Andreas Baer <i>Dependance of the fluctuations of vesicle membranes on the Hamaker constant and the bending rigidity</i>	
17:00-17:15	BREAK	DEPARTURE
17:15-18:15	Fabian Langer <i>Lightwave-driven quasiparticle acceleration</i>	
18:15-18:30	DOPPLERS <i>The German national physics competition</i>	
18:30-19:00	DISCUSSION	
20:00	DINNER im Sangam	