

Mittwoch, 28.11.2018		
Anreise		
		<b>H33</b>
13h00	T	Prof. Stefan Klumpp, Universität Göttingen <i>Swimming with magnets: motility of magnetotactic bacteria</i>
14h00	Pr	Richard Gerum <i>Colony structure and collective dynamics of the genus Aptenodytes during breeding</i>
15h00		<b>Pause (15 min)</b>
		<b>Phy 4.1.12</b>
		<b>Phy 4.1.13</b>
15h15	B	Refik Mansuroglu <i>Second order perturbative gravitational closure</i>
		Johannes Schumann <i>Simulation Study of Spectral Absorption Lengths in Seawater using K40 Decay</i>
16h00		<b>Kaffeepause</b>
16h30	P	Josef Freudenstein <i>Probing the Superconducting State of FeTe<sub>0.55</sub>Se<sub>0.45</sub> with Point Contact Spectroscopy</i>
		Lea Lenke <i>Growth of graphene out of an extra carbon layer on SiC</i>
17h00	P/B	Niklas Hofmann (Projekt) <i>The Airglow Layer as a Window to Upper Atmosphere Dynamics</i>
		Sandro Herbig <i>DNC - A Machine Learning Memory Architecture and its Application to Physics</i>
17h45		<b>Pause (15 min)</b>
18h00	P	Florian Bönsel <i>Probability of Inflation caused by a quadratic inflaton field in Loop Quantum Cosmology and a model derived from Loop Quantum Gravitation</i>
		Manuel Meierhofer <i>Spin-orbit mediated ultrafast spin switching by THz transients</i>
18h30	P	Andreas Beer <i>Ultrafast Videography of Lightwave Electronics in Topological Insulators</i>
		Josef Riepl <i>Single molecule mass spectrometry using interferometric scattering microscopy (iSCAT)</i>
19h00		<b>Ende</b>

Donnerstag, 29.11.2018			
		<b>Phy 4.1.12</b>	<b>Phy 4.1.13</b>
10h00	B	Dominik Hahn <i>Out-of-time-ordered-correlators in the attractive Lieb-Liniger model with external potential</i>	Johannes Hayes <i>Femtosecond pulse compression for lightwave-driven scanning tunneling microscopy</i>
10h45	P	Jasmin Graf <i>Solving the nonlinear Schrödinger equation using convolutional neural networks</i>	Maximilian Nitsch <i>Electrical characterization of aluminium doped Schottky diodes</i>
11h15	P	Joshua Mornhinweg <i>TBA</i>	Carina Kanitz <i>Coalescence of light antinuclei</i>
11h45		<b>Pause (15 min)</b>	
12h00		<b>Allgemeine Diskussion in Phy 9.2.01</b>	
12h30		<b>Mittagspause (Mensa)</b>	
		<b>H33</b>	
14h00	M	Christian Kirsch <i>Cosmic Rays around the L2 point as seen by Gaia</i>	
14:45		<b>Pause (15 min)</b>	
		<b>Phy 4.1.12</b>	<b>Phy 4.1.13</b>
15h00	B	Mona Bukenberger <i>Correlation functions of electrons from individual nanotips</i>	Sebastian Karl <i>Measurement of temporal correlations for a real thermal light source</i>
15h45	P	Max Fahn <i>Sensitivity of the ORCA neutrino detector to quantum decoherence effects</i>	Andreas Schnellenberger <i>Automation of the erasing phase in the spectral hole burning process</i>
16h15		<b>Ende</b>	