

Timetable for Internal GRK Workshop 2017



Monday (September 18, 2017)

08:30-09:00	Check-in	
09:00-09:15	Welcoming	
09:15-10:00	Tutorial by Prof. Dr. Christian Schönenberger	<i>Cooper-Pair Splitter I</i>
10:00-10:30	Talk by Stefan Blien	<i>Carbon Nanotube Transfer into Superconducting Resonator Geometries</i>
10:30-11:00	Talk by Christian Bäuml	<i>Parallel fabrication of an entire array of carbon nanotubes devices</i>
11:00-11:15	Break	
11:15-11:45	Talk by Michael Niklas	<i>Dark states in carbon nanotube quantum dots</i>
11:45-12:15	Talk by Felix Hofmann	<i>Single particle spectroscopy on perovskite nanodots</i>
12:15-14:00	Lunch and break	
14:00-14:45	Tutorial by Prof. Dr. Christian Schönenberger	<i>Cooper-Pair Splitter II</i>
14:45-15:15	Talk by Robin Huber	<i>Short-periodic antidot superlattices in graphene/hBN heterostructures</i>
15:15-15:45	Talk by Markus Huber	<i>Ultrafast near-field microscopy of van der Waals-layered materials</i>
15:45-16:15	Break	
16:15-17:00	Tutorial by Dr. Magdalena Marganska	<i>Majorana fermions in carbon nanotubes</i>
17:00-17:30	Talk by Dr. Nicola Paradiso	<i>Coherence effects in Van der Waals Josephson junctions</i>
17:30-18:00	Talk by Philipp Nagler	<i>The giant valley Zeeman effect in two-dimensional heterostructures</i>
18:00-19:00	Time for recreation	
19:00-20:00	Dinner	

Tuesday (September 19, 2017)

07:00-09:00	Breakfast	
09:00-09:45	Tutorial by Prof. Dr. Sergey Ganichev	<i>Nonlinear Transport in Graphene</i>
09:45-10:15	Talk by Helene Plank	<i>Helicity Sensitive Edge Currents in Graphene Studied in an External Magnetic Field</i>
10:15-10:45	Talk by Martin Drienovsky	<i>Weiss oscillations in a 1D graphene superlattice</i>
10:45-11:00	Break	
11:00-11:30	Talk by Tobias Frank	<i>Protected pseudohelical edge states in proximity graphene ribbons and flakes</i>
11:30-12:00	Talk by Christa Genslein	<i>Two-Dimensional Carbon-Based Nanomaterials for Label-Free Biosensing</i>
12:00-12:30	Talk by Eva-Maria Kirchner	<i>Graphene as Electrode Material for Electrochemical Sensing</i>
12:30-14:00	Lunch	
14:00-19:00	Hiking tour, time for recreation	
19:00-20:00	Dinner	
20:00-21:00	Meeting of PIs and students	

Wednesday (September 20, 2017)

07:00-09:00	Breakfast and check-out	
09:00-09:45	Tutorial by Prof. Dr. Jascha Repp	<i>Scanning probe microscopy</i>
09:45-10:15	Talk by Dr. Jay Weymouth	<i>Zooming into molecules with lateral force microscopy</i>
10:15-10:45	Talk by Daniel Meuer	<i>Atom-by-Atom Rehybridization of Carbon from sp^2 to sp^3 induced by an AFM</i>
10:45-11:00	Break	
11:00-11:30	Talk by Maria Camarasa Gomez	<i>Quantum Transport Properties of Silane Molecular Wires</i>
11:30-12:00	Talk by Philipp Scheuerer	<i>Self assembly and charging of molecules on insulating films</i>
12:00-12:30	Talk by Fabian Queck	<i>Imaging Metal Atoms of Metal Organic Coordination Networks by Means of ncAFM</i>
12:30-14:00	Lunch and departure	

Accommodation at Posthotel Rattenberg

Address

Posthotel Rattenberg

Dorfplatz 2

94371 Rattenberg

<http://www.posthotel-rattenberg.de>



Single rooms

- Dr. Jonathan Eroms
- Prof. Dr. Sergey Ganichev
- Prof. Dr. Franz Giessibl
- Prof. Dr. Milena Grifoni
- Dr. Thomas Hirsch
- Dr. Tobias Korn
- Prof. Dr. Jascha Repp
- Prof. Dr. Klaus Richter
- Prof. Dr. Christian Schüller
- Prof. Dr. Dieter Weiss
- Dr. Jay Weymouth
- Dr. Jan Vogelsang

Double rooms

- Michael Niklas and Jakob Schloer
- Stefan Blien and Robin Huber
- Dr. Magdalena Marganska and Maria Camarasa Gomez
- Kathrin-Maria Dantscher and Helene Plank
- Martin Drienovsky and Felix Hofmann
- Philipp Faltermeier and Markus Huber
- Tobias Frank and Philipp Scheuerer
- Philipp Nagler and Sven Gelfert
- Christa Genslein and Eva-Maria Kirchner
- Daniel Meuer and Fabian Queck
- Dr. Nicola Paradiso and Christian Bäuml