

Arbeitsgruppenseminar EMMS and ELIM

Wintersemester 2013, Mittwochs 11:30-13:30 Uhr, N27 2.042 (Glaskasten)

16.10.	Prasanth Balasubramanian	3D modelling of energy materials (Defense of Masterthesis)
23.10	Zhen Chen (MPI Stuttgart)	Electronic structure of transition metal oxides studied by EELS and first-principles calculations
30.10.	Willem van Mierlo Michael Mohn	FIB tomography of Si Solar Cells Momentum resolved spectroscopy on 2D materials
6.11.	Nilesh Vats Sandra Vogel	Fabrication & atomic scale characterisation of supersaturated graphene Quantitative investigations of the HRTEM contrast of graphene layers
13.11.	Ute Golla-Schindler	Ongoing studies on radiation damage and ELNES
20.11.	Gerardo Algara-Siller Robert Pennington	From water to ice Comparing Different kinds of Bloch wave dynamical scattering codes
27.11.	Haoyuan Qi	HRTEM investigation of LaNiO ₃ /LaGaO ₃ superlattices - Challenges and progress
4.12.	Dorin Geiger Amin Parvizi	Holography on Graphene - state of the art in Ulm Wave front reconstruction by multi-grid finite-element methods
11.12.	Johannes Biskupek	In-situ TEM of nanocarbon structures
18.12.	Philipp Wachsmuth	EELS on multi-layer graphene
8.1.	Michael Kinyanjui Feng Wang	Low temperature experiments on Nickelate heterostructures Solving the crystallographic phase problem from LARBED data
15.1.	Zhonbo Lee	A discussion on the Stobbs' factor for the evaluation of the discrepancy between the experimental and calculated HRTEM images
22.1.	Pia Knyrim Ossi Lehtinen	Thermodynamics of electron beam driven bond-rotations in graphene Depth profiling with exponentially attenuated signals
29.1.	Ute Kaiser & Jörg Bernhard	Sicherheitsbelehrung
5.2.	Thilo Zoberbier Wouter Van den Broek	Comprehensions of metals inside nanotubes Inversion of dynamical scattering in real space
12.2.	Ralf Hambach	Mapping conduction states of Carbon in real-space: Image simulations