

## Arbeitsgruppenseminar EMMS & ELIM

**Wintersemester 2012, Mittwochs 11:30-13:30 Uhr, N27 2.042 (Glaskasten)**

Datum	Vortragender	Titel
<b>Do 25.10.2012</b> <b>11:30 Uhr</b>	Dorin Geiger	Feasibility of off-axis holography at 80kV
<b>Mo</b> <b>29.10.2012</b> <b>11:30 Uhr</b>	Ossi Lehtinen Simon Kurasch	Dislocation dynamics in graphene Defects in 2D MoS <sub>2</sub>
<b>Fr 9.11.2012</b> <b>11:00</b>	Wouter van den Broek Muhammad Asad	Optimal probe size for radius measurements - Further developments in inverse multislice calculations "Deep level transient spectroscopy of semiconductor devices"
<b>Mo</b> <b>12.11.2012</b> <b>11:00</b>	Michael Kinyanjui Thilo Zoberbier	Investigating Nickelate heterostructures A bubble story - carbon networks inside SWNTs
Mi 21.11.2012	Ralf Hambach Philipp Wachsmuth	Core-loss EELS in Graphite: beyond the dipole approximation Momentum Resolved EELS in Multi-layered Graphene
Mi 5.12.2012	Mona Sedighi Willem van Mierlo	Preparation of 2D heterostructures FIB Preparation for Low-Voltage TEM
Mi 12.12.2012	Santhana Eswara Haoyuan Qi	Towards understanding of radiation damage in Li <sub>2</sub> O <sub>2</sub> battery materials HRTEM analysis of metal oxide interfaces
Mi 19.12.2012	Robert Pennington	Approximating dynamical scattering in bent crystalline samples
Mi 9.1.2013	Jörg Bernhard	Sicherheitsunterweisung
Mi 16.1.2013	Ute Golla-Schindler Werner Schweigert	Quantitative investigation of electron irradiation damage on calcite with low kV TEM
Mi 23.1.2013	Johannes Biskupek	Convergent Electron Diffraction at 20 kV
Mi 30.1.2013	Feng Wang Amin Parvizi	The scattering matrix approach to dynamical scattering and attempts to invert it Motion of electrons in static electromagnetic fields
Mi 6.2.2013	Gerardo Algara-Siller	Thesis – 2D Materials