

## Arbeitsgruppenseminar Materialwissenschaftliche Elektronenmikroskopie Gruppen EMMS und ELIM

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

Datum	Vortragender	Titel
18.4.2012	Ute Kaiser EMMS Christoph Koch ELIM	SS 2012 Groups EMMS and ELIM: Tasks and aims
2.5.2012	Ralf Hambach EMMS	Plasmon bands in multilayer graphene: model calculations vs experiment
9.5.2012	Wouter van den Broek ELIM	Quantitative EM, various applications
16.5.2012	Zhongbo Lee EMMS	EFTEM image simulation with a mutual coherence method
23.5.2012	Robert Pennington ELIM	Factors Affecting Mean Inner Potentials Measured Using Off-Axis Electron Holography
30.5.2012	Willem van Mierlo EMMS	Specimen preparation for low-voltage TEM by FIB
6.6.2012	Philipp Wachsmuth EMMS	Momentum resolved EELS in two-dimensional systems
13.6.2012	Michael Kinyanjui Haoyuan Qi EMMS	Obtaining momentum resolved EELS spectra from oxide interfaces Metal-oxide-hetero-interfaces by HRTEM, Project Start
21.6.2012	Johannes Biskupek EMMS	Service-Research
27.6.2012	Simon Kurasch Thomas Kister EMMS	Electron beam induced structural modifications of graphene at 80kV Electron irradiation damages on CdSe/CdZnS quantum dots
4.7.2012	Gerardo Algara-Siller Thilo Zoberbier EMMS	Imaging DNA on graphene Metals in Nanotubes: Vertical Exploring of the PSE
12.7.2012	-Ute Golla-Schindler Werner Schweigert EMMS	EFTEM imaging Introduction to Diploma Thesis
18.7.2012	Santhana Eswara Dorin Geiger EMMS	Irradiation Studies of Li-Battery Materials Off-axis holography on two-dimensional materials-first results and prospects