

Arbeitsgruppenseminar EMMS

Wintersemester 2016, Mittwochs 11:30-13:30 Uhr, N27 2.042 (Glaskasten)

19.10.	Marc Oldenburger (extern)	Zwischenbericht Doktorarbeit „Vermessung, Modellierung und Simulation von Li-Ionen Zellen“ Konferenzberichte
26.10.		SALVE-Treffen-Vorbereitung
8.11. 10:00- 12:00	PhD students and advisers	Discussion of the PhD topics outlines
9.11.	Felix Börrnert	Probevortrag: Unconventional TEM: Very Low Voltages or Very Large Sample Space
16.11.	Tibor Lehnert	Paper: "Imaging of two-dimensional crystal confined between graphene"
23.11.	Kecheng Cao	Papers: "Nanocrystal formation, Coulomb interactions and rotations in CNTs"
30.11.	Luca Zangari Rezwana Ahmed	Abschlussvortrag Bachelorarbeit: "Camera Characterisation" Abschlussvortrag Masterarbeit: " ω -x Mapping of Electron Energy Loss Spectra in GaN-InGaN heterostructure on Al ₂ O ₃ substrate"
7.12.	Timmo Weidner Sebastian Sturn	Abschlussvortrag Bachelorarbeit: Radiation damage in 2D Dichalcogenides Paper discussion: Charge and Conductivity Measurements on Battery Materials
19.12.	Manuel Mundszinger Dorin Geiger	Paper discussion: Quantitative Morphology and Structure Characterization of LiNi _{0.5} Mn _{1.5} O ₄ Spinel Battery Material with FIB/SEM HRTEM Imaging & Simulation of Battery Materials Paper discussion
11.1.	Haoyuan Qi Yuelian Li	HRTEM and Diffraction on Polymers Defect characterisation in AlBGaN
18.1.	Pia Börner Julian Renner	Paper discussion and HRTEM on PLD/CDW- Materials Zwischenbericht Masterarbeit: Results on imaging the organic/inorganic interface
25.1.	Michael Kinyanjui	Image formation Intercalating charge density wave materials with organic molecules
1.2.	Zhongbo Lee	Cone illumination in TEM AND linear and non-linear imaging
8.2.	Robert Leiter Michael Mohn	Progress report on imaging NV-centres in Nanodiamond Characterization of nanopores in atomically thin membranes - TEM imaging, pore-size distribution and porosity
15.2.	Johannes Biskupek Felix Börrnert	TEM on functionalized nanotubes Kontrast transfer in the SALVE TEM

8.11. 10:00-12:00 Doktoranden- und Masterstudentenseminar: Diskussion der Themen