Current Topics of Nanostructure Physics

Prof. Dr. Jörg Lindner

Winter semester 2020/2021

On Mondays 14:00-16:00

Date	Lecturer	Title	Presenter Minipresentation 1	Presenter Minipresentation 2
02. November	Julius Bürger	DPC-Toolbox - visualization, analysis and postprocessing of DPC-images	Dr. Thomas Riedl	
09. November	Vinay Kunnathully	TEM investigation of FIB prepared In/GaAs (111) A		
16. November	Christian Zietlow	ADMM based deconvolution and denoising techniques for EELS measurements and more	Daniel Kool	
23. November	1.Yannick Lang, 2. Harikrishnan Venugopal	1. TEM preparation 2. Investigation of PMMA removal strategies in nanophase-separated PS-PMMA thin films using XPS and optical techniques	Dr. Katharina Brassat	
30. November	Ray Chaudhury	Perovskite synthesis based on hot-injection method	Yannick Lang (wire bonding)	
07. December	Jan Shames	Entwicklung von numerischen Werkzeugen zur Analyse und Optimierung von STEM-DPC-Aufnahmen		
14. December	Mateusz Andruschko	Perovskite nanoparticle thin film formation on flat and BCP nanopore substrates	Alex Stratmann	
11. January	Maja Groll	Bachelorarbeitsvortrag	Dr. Thomas Riedl	Alex Stratmann
18. January	Daniel Kool	Simulations using the MNPBEM-Toolbox on plasmonic nanoring systems	Dr. Katharina Brassat	
25. January	David Wolke	Reflectivity Calculator	Julius Bürger	Alex Stratmann
01. February	Lea Sophie Bollweg	Fehleranalyse und Optimierung des Reflektrometers	Daniel Kool	
08. February	Julius Bürger	DPC imaging on interface dominated materials		