

**Docket for the Master's Program MOLECULAR SCIENCE
Mandatory Module Molecular Nanoscience (valid after Oct. 2020)**

Lab Course Molecular Nanoscience

Last name:

First name:

Matriculation number:

No.	Experiment	Ends on Signature/Stamp
Please choose V1a or V1b		
V1a	Functionalization of Carbon Nanotubes Contact: Prof. Andreas Hirsch (OC II, Tel: 8522537, andreas.hirsch@fau.de) and <i>approx. 4 half days plus protocol</i>	
V1b	Functionalization of Fullerenes Contact: Prof. Andreas Hirsch (OC II, Tel: 8522537, andreas.hirsch@fau.de) <i>approx. 4 half days plus protocol</i>	
Please choose V2a or V2b		
V2a	Molecular Switches Contact: Prof. Henry Dube (OC I, Tel: 8565571, henry.dube@fau.de) <i>approx. 3 full days plus protocol</i>	
V2b	Molecular Machines Contact: Prof. Henry Dube (OC I, Tel: 8565571, henry.dube@fau.de) <i>approx. 3 full days plus protocol</i>	
Please choose one experiment of V3a - V3b		
V3a	Preparation and characterization of electrochemically active nanostructured surfaces Contact: Prof. Julien Bachmann (IC, Tel.: 8527367, julien.bachmann@fau.de) <i>approx. 4 full days plus protocol</i>	
V3b	Inorganic nanoparticles and/or supraparticles Contact: Prof. Karl Mandel (AC I, Tel: 8527396, karl.mandel@fau.de) <i>approx. 3 full days plus protocol</i>	

No.	Experiment	Ends on Signature/Stamp
Please choose one experiment of V4a - V4c		
V4a	Electron spectroscopic elementary and surface analysis Contact: Dr. Andreas Bayer (PC II, Tel.: 8527314, andreas.bayer@fau.de) <i>approx. 3 full days plus protocol</i>	
V4b	Infrared spectroscopic surface analysis Contact: Prof. Jörg Libuda (PC, Tel.: 8527308, andreas.bayer@fau.de) <i>approx. 3 full days plus protocol</i>	
V4c	Electrical transport in organic nanostructures Contact: Prof. Rainer Fink (PC, Tel.: 8527322, rainer.fink@fau.de) <i>approx. 3 full days plus protocol</i>	
Please choose one experiment of V5a - V5d		
V5a	Spectroscopy of carbon nanostructures (Prof. Guldí's research group) Contact: Dr. Christian Ehli (PC I, Tel.: 8527323, christian.ehli@fau.de) <i>approx. 3 full days plus protocol</i> Registration via StudOn from Nov 1st to Nov 30th (winter semester) or from Apr 1 to Apr 30 (summer semester): http://www.studon.uni-erlangen.de/crs1374648.html	
V5b	Physical chemistry of nanoparticles (Prof. Kryschi's research group) Contact: Dr. Christian Ehli (PC I, Tel.: 8527323, christian.ehli@fau.de) <i>approx. 3 full days plus protocol</i> Registration via StudOn from Nov 1st to Nov 30th (winter semester) or from Apr 1 to Apr 30 (summer semester): http://www.studon.uni-erlangen.de/crs1374648.html	
V5c	Dynamic light scattering by nanoparticle systems (Prof. Gröhn's research group) Contact: Dr. Christian Ehli (PC I, Tel.: 8527323, christian.ehli@fau.de) <i>approx. 3 full days plus protocol</i> Registration via StudOn from Nov 1st to Nov 30th (winter semester) or from Apr 1 to Apr 30 (summer semester): http://www.studon.uni-erlangen.de/crs1374648.html	
V5d	Mass spectroscopic analysis (Prof. Drewello's research group) Contact: Dr. Christian Ehli (PC I, Tel.: 8527323, christian.ehli@fau.de) <i>approx. 3 full days plus protocol</i> Registration via StudOn from Nov 1st to Nov 30th (winter semester) or from Apr 1 to Apr 30 (summer semester): http://www.studon.uni-erlangen.de/crs1374648.html	