

Fakultät für Chemie und Biochemie
Graduate School of Chemistry and Biochemistry

Public PhD Defences in November/December 2017 (Lecture Hall NC 02/99 (if not indicated otherwise))

Title	NAME	SURNAME	Commission	Defence DATE	Title of Dissertation
Mr	Kuhn	Alexander Burkard	SCHÄFER/KAST	17.11.2017 09 a.m.	Untersuchungen zum Molekularen Mechanismus der Selbstassoziation Monoklonaler Antikörper
Mr	Song	Huiqing	MUHLER/KLEIST	17.11.2017 15 p.m.	ZnO/Cr ₂ O ₃ -based catalysts applied in methanol and higher alcohol synthesis
Ms	Wütscher	Annika	MUHLER/KLEIST	17.11.2017 13 p.m.	Der Einfluss von heterogenen Katalysatoren auf die Pyrolyse und den Abbrand von Kohlenstoffmaterialien
Ms	Erdmann	Constanze	HERRMANN/MANNHERZ	24.11.2017 09 a.m.	Charakterisierung von HCM und DCM auslösenden Mutationen in humanem kardialem α -Aktin
Ms	Lopez	Francesca	SCHUHMAN/METZLER-NOLTE	30.11.2017 10:30 a.m.	Enzyme electrodes based on polymer multilayer systems and nano-structured electrode surfaces for the development of novel biodevices
Mr	Geiger	Simon	MAYRHOFER/SCHUHMAN	01.12.2017 15 p.m.	Stability investigations of iridium-based catalysts towards acidic water splitting
Ms	Karle	Sarah	DEVI/ROSENHAHN	01.12.2017 13 p.m.	From Molecules to Materials: Rational Design and Development of Group 11 and Group 14 Complexes and Their Evaluation as Precursors for the Deposition of Metal and Metal Oxide Thin Films
Ms	Murat	Yesim	MUHLER/KALUZA	01.12.2017 09 a.m.	Synthese, Charakterisierung und Anwendung binärer Ce _x Zr _{1-x} O ₂ -Mischmetalloxide
Ms	Petuker	Anette	APFEL/DÄSCHLEIN-GEßNER	06.12.2017 12:15 a.m.	Activation of Small Molecules with Iron and Nickel Complexes Comprising Tripodal Phosphines
Ms	Alsaoub	Sabine	SCHUHMAN/METZLER-NOLTE	08.12.2017 15 p.m.	Synthesis of Stable Os-Complex Modified Polymers for the Applications in Biosensors, Biofuel Cells and Biosupercapacitors
Mr	Balzerowski	Patrick	HAVENITH/NÜRNBERGER	08.12.2017 12:30 p.m. ZEMOS 0.17	Development of Spectrometers and Optical Components for the THz-Spectral Range and Nonlinear Experiments on Aqueous Solutions
Mr	Gebhard	Maximilian	DEVI/AWAKOWICZ	08.12.2017 10:30 a.m.	Plasma-Enhanced Atomic Layer Deposition of binary metal oxides as gas barrier layers on polymers
Mr	Kayran	Yasin Uğur	SCHUHMAN/METZLER-NOLTE	08.12.2017 13 p.m.	Fabrication and Characterization of Tunable Plasmonic Nanovoid Structures and Their Application in DANN/RNA Hybridization Assays
Ms	Klinkhammer	Christina	HAVENITH/HERRMANN	08.12.2017 08:30 a.m.	Vibrationspektroskopie von wässrigen Ytterbiumhalid-Lösungen und Plasma-behandeltem Glutathion
Ms	Radhakrishnan	Soumya	SANDER/GUDIPATHI	08.12.2017 11 a.m. NC 2/99	Matrix Isolation and Solvation Studies of Reactive Intermediates
Mr	Esser	Alexander	MARX/HAVENITH	11.12.2017 10:30 a.m. ZEMOS 0.17	Theoretical THz Spectroscopy of Small Molecules in Water
Mr	O'Donoghue	Richard	DEVI/ROSENHAHN	14.12.2017 11 a.m.	Atomic layer deposition of ZnO and Ga ₂ O ₃ thin films as transparent semiconducting oxides: Influence of precursors on the film growth and characteristics
Mr	Bertram	Cord	MORGENSTERN/BOVENSIEPEN	15.12.2017 13 p.m.	Reaktionen durch heiße und solvatisierte Elektronen bei kryogenen Temperaturen
Ms	Gonsberg	Anika	TATZELT/HERRMANN	15.12.2017 09 a.m.	Der Einfluss der Sekundärstruktur sekretorischer Proteine auf Sec61/Y-medierten Proteintransport
Ms	Quaranta	Vanessa	BEHLER/MARX	15.12.2017 15 p.m.	Neural Network Molecular Dynamics Studies of Water-Zinc Oxide Interfaces
Mr	Dierks	Michael	SCHÜTH/MUHLER	18.12.2017 11:30 a.m. NBCF 04/683	Hydrophobic Ni ₂ P/SiO ₂ catalysts with improved stability for bio-oil hydrodeoxygenation
Mr	Engelhardt	Jan	SCHÜTH/MUHLER	18.12.2017 10:15a.m. NBCF 04/683	Nanostructured Catalysts for Biomass Conversion
Mr	Hugenbruch	Stefan Jürgen	DEBEER/METZLER-NOLTE	21.12.2017 11 a.m.	X-ray spectroscopic and Mößbauer spectroscopic investigations of bioinorganic compounds and metalloenzymes
Ms	Palmieri	Elena	KIEDRO/OTTO	22.12.2017 13 p.m.	Autocatalytic desymmetrization of prochiral compounds - Strategies to dictate and control self-replication in peptidic dynamic combinatorial libraries