

**Fakultät für Chemie und Biochemie**  
**Graduate School of Chemistry and Biochemistry**

**Public PhD Defences in Sep/Oct 2017 (Lecture Hall NC 02/99 (if not indicated otherwise))**

Tue, 19.09.2017 10:00 a.m.	Ms. Octavia Kracht	Biokatalytische Diversität der Terpenbildung in Pflanzen und Bakterien Prof. Kourist, S. Ebbinghaus, (Chair: P. Nürnberger)
Fri, 22.09.2017 09:00 a.m.	Ms. Inke Hante	Functional Metal-Organic Frameworks Targeted Design and Modification of Advanced Properties of MOFs via Organic Linker Functionalisation Prof. R.A. Fischer, I. Noro (Chair: M. Muhler)
Fri, 22.09.2017 09:00 a.m. NC 5/99	Mr. Sebastian Seidel	Single-Conformation Spectroscopy of Biomolecular Building Blocks and their Microsolvated Clusters in a Molecular Beam Prof. Havenith-Newen,/P. Nürnberger (Chair: NMN)
Fri, 22.09.2017 11:00 p.m.	Mr. Abdulrahman Altin	Cyclodextrin for Zinc Corrosion Protection Prof. A. Erbe/M. Muhler (Chair: NMN)
Wed, 27.09.2017 09:00 a.m.	Ms. Sonja Schürmann	Sulfidkatalyse ohne Koordinationslücken: Aktive Zentren auf Molybdänsulfid Prof. W. Grünert/M. Muhler (Chair: P. Nürnberger)
Fri, 29.09.2017 11:00 a.m.	Mr. Kai-Stefan Feichtner	Methandiid-basierte Carbenkomplexe in Bindungsaktivierungsreaktionen Prof. V. Däschlein-Geßner/N. Metzler-Nolte, S. Huber (Chair: M. Muhler)
Fri, 29.09.2017 13:00 p.m.	Mr. Nicolas Duyckaerts	<i>In-situ</i> Hydrocracking of Fischer-Tropsch Hydrocarbons: How $\alpha$ -Olefins Influence the Final Product Distribution Prof. F. Schüth/M. Muhler (Chair: R. Stoll)
Wed, 04.10.2017 10:00 a.m.	Ms. Patricia Rodríguez Maciá	From Hydrogenases to Molecular Catalysts: Electrochemical and Spectroscopic Investigations Prof. W. Lubitz/W. Schuhmann (Chair: M. Muhler)
Wed, 04.10.2017 12:00 a.m.	Mr. Alaa Alsheikh Oughli	Protective Matrices for Hydrogenases and Bio-inspired Catalysts Prof. W. Lubitz/W. Schuhmann (Chair: C. Hättig)
Wed, 04.10.2017 14:00 p.m.	Mr. Stefan Cwik	Metal nitride and metal disulfide thin films via CVD: Exploring the diversity of all nitrogen coordinated rare earth and group 6 precursors Prof. A.Devi/A. Rosenhahn (Chair: T. G.-Pomorski)
Thurs, 05.10.2017 09:00 a.m.	Mr. Stefan Barwe	The two Janus faces in oxygen electrocatalysis: Activity versus stability of transition metal based electrocatalysts Prof. W. Schuhmann/M Muhler (Chair: C. Hättig)
Thurs, 05.10.2017 11:00 a.m.	Ms. Vera Eßmann	Analytical applications of bipolar electrochemistry - From open to closed to localised systems Prof. W. Schuhmann/A. Rosenhahn (Chair: T. G.-Pomorski)
Fri, 06.10.2017 09:00 a.m.	Mr. Georgios Dodekatos	Copper-Cobalt-Based Catalysts and Gold/Titania Nanostructures for Thermocatalytic and Surface Plasmon-Assisted Glycerol Oxidation

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		Prof. H. Tüysüz/F. Schüth (Chair: W. Schuhmann)
Fri, 06.10.2017 10:30 a.m.	Mr. Yan Xiong	Nano-Sized BaTiO <sub>3</sub> and TiO <sub>2</sub> in Photochemical Energy Conversion Systems Prof. Marlow/F.Schüth (Chair: NMN)
Fri, 06.10.2017 11:00 a.m. NC 2/99	Ms. Stefanie Stapf	Viologen Polymers for Reversible Hydrogen Oxidation and Hydrogen Generation in Redox Hydrogels  Prof. N. Plumeré/W. Schuhmann (Chair: C. Hättig)
Mon, 09.10.2017 10:30 a.m. ND 3/99	Mr. Nicolas Efing	Gespräche über ein Low Cost-Aräometer Entwicklung und Pilotierung eines methodischen Vorgehens zur effizienten Untersuchung von Eltern-Kind-Interaktion im Lehr-Lern-Arrangement KEMIE® Prof. K. Sommer/NMN (Chair: P. Nürnberger)
Mon, 09.10.2017 16:00 p.m.	Mr. Luis Daniel Cruz Zaragoza	New insights into <i>de novo</i> synthesis of peroxisomes and into alternative peroxisomal protein import pathways in <i>Saccharomyces cerevisiae</i> Prof. R. Erdmann/T.G-Pomorski (Chair: F. Schulz)
Fri, 13.10.2017 09:00 a.m.	Mr. Alexander Bäumer	Terahertz-Spektroskopie solvatisierter Biomoleküle  Prof. Havenith-Newen,/Chr. Herrmann (Chair: C. Hättig)
Fri, 13.10.2017 11:00 a.m.	Mr. Michael Senske	Protein Stability in Crowding and Confinement  Prof. Havenith-Newen,/S. Ebbinghaus (Chair: Schulz)
Fri, 20.10.2017 11:00 a.m.	Mr. Martin Breitkreuz	Charakterisierung des Redoxzustandes von Titin und Bedeutung der Titinoxidation für die Eigenschaften entfalteter Titindomänen Prof. W. Linke/R. Stoll (Chair: F. Schulz)
Mon, 23.10.2017 09:00 a.m. ND 3/99	Mr. Johannes Knosalla	Utilizing Confined Space to Attain High Performance Catalysts and Support Materials Prof. F. Schüth/W. Schuhmann (Chair: C. Hättig)