

**Schedule Retreat Schorfheide on May 19/20.2022 - Final Version May 18, 2022 -**

<b>Time</b>	<b>Name</b>	<b>Supervisors</b>	<b>Tentative presentation title</b>	<b>Batch</b>
<b>Thursday 19.5.2022</b>				
08:30	Departure per bus		Meeting point: 08:15 between old chemistry building and main building of TU	
10:30	Arrival Hotel – Room		Moderation: Repke	
11:00-11:30	Emiliano	Gurlo	Additive manufacturing of catalytic systems for CO <sub>2</sub> utilization	WS20
11:30-12:00	Benjamin	Gurlo	Development of Co-Pt based tandem catalysts for CO <sub>2</sub> hydrogenation	WS19
12:00-12:30	Javed	Repke	Optimizing the distance between two types of active sites of heterogeneous bifunctional catalyst for tandem reactions	WS19
12.30-13:30	Lunch		Moderation: Schomäcker	
13:30-14:00	Hüseyin	Thomas	Two heads are better than one: towards overall water splitting with hybrid heterojunction photocatalyst systems	WS20
14:00-14:30	Michael	Thomas	Exploring the functionality space of organic frameworks: Application of porous polymers as a material platform for heterogeneous metalla-, photo- and organocatalysis.	WS19
14:30-15:00	Simon-Yves	Schomäcker	Polyoxometalate boosting the light-harvesting ability of graphitic carbon nitride for photocatalytic hydrogen production under water splitting	WS19
15:00-15:20	Coffee break		Moderation: Thomas	
15:20-15:50	Zohreh	Risse	In-situ investigations on the geometric and electronic properties of paramagnetic sites	WS20
15:50-16:20	Hongyuang	Driess	Fe-containing electrocatalysts for efficient water oxidation	WS20
16:20-16:50	Coffee break		Moderation: Lenz	
16:50-17:10	Yiqing	Kneipp	Structure and interaction of ceramide-containing liposomes with gold nanoparticles as characterized by SERS and cryo-EM	WS20
17:10-17:40	Nico	Hegemann	Recent progress on Rhodopsin phosphodiesterases from <i>C. flexa</i>	WS19
19:00-20:00	Dinner			
20:00-22:30	Interactions			

<b>Friday 20.5.2022</b>			Moderation: Driess	
09:00-09:30	Haopeng	Oestreich	Synthesis and characterization of a hydroborane-stabilized silylium ion	WS20
09:30-10:00	Yi	Oestreich	B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> -catalyzed reductive denitrogenation of benzonitrile derivatives	WS20
10:00-10:30	Zhi-Yuan	Oestreich	Enantioselective copper-catalyzed synthesis of silylaziridines via addition of silicon nucleophiles	WS20
10:30-10:50	Coffee break		Moderation: Weidkamp	
10:50-11:20	Kaixue	Oestreich	Decarbonylative transfer hydrohalogenation of alkenes	WS19
11:20-11:50	Pengwei	Oestreich	Silylium-ion-promoted intramolecular cyclization of β-allylsilyl-cyclopropanes involving formation of six-membered rings with quaternary carbon centers	WS19
11:50-13:00	Lunch		Moderation: Matera	
13:00-13:30	Pramita	Ray	C-H bond halogenation reaction mediated by heterodinuclear Fe M (M= Cu, Ag, Au) complexes	WS20
13:30-14:00	Vishal	Schwalbe/ Limberg	Hetero-bimetallic coordination compounds for small molecule activation	WS19
14:00-14:30	Kuheli	Ray	Iron and cobalt Complexes in Hbbpya ligand scaffold: Mechanistic investigation and spectroscopic trapping of reactive intermediates	WS19
14:30-14:50	Coffee break		Moderation: Mroginski	
14:50-15:20	Simon V.	Keller	Rate calculation for thermal isomerization of retinal	WS19
15:20-15:50	Sina	Matera	Global sensitivity analysis of Monte Carlo models using Cramer-von Mises distance	WS19
15:50-16:20	Younes	Matera	Coupled atomistic and nanofluidic simulations for electrocatalysis	WS20
16:45/17:00	Departure by bus			
Approx. 18:00/18:30	Berlin			