

M.Sc. Water Science and Chemistry Practical Analytical Chemistry		Status: April 14, 2016				
Group	Direct Supervisor	e-mail direct supervisor	Research Group	Subject	earliest (E) or latest (L) start date	Comments
1	Laura Wiegand	laura.wiegand@uni-due.de	Schmidt/Jochmann/Lutze/Telgheder	Characterization of the reactive species (OH-radical vs. Fe(IV)) in the Fenton reaction (Fe(II) + H2O2)	June 2016 (E)	
2	Daniel Köster	d.koester@rgu.ac.uk	Schmidt/Jochmann/Lutze/Telgheder	Identification of the oxidation products formed in the reaction of sulfate radicals with nitrogen-containing organic compounds		
3	Benjamin Wolbert	jens-benjamin.wolbert@uni-due.de	Schmidt/Jochmann/Lutze/Telgheder	Glyphosate and its degradation products		
4	Florian Metzelder	florian.metzelder@uni-due.de	Schmidt/Jochmann/Lutze/Telgheder	Method development to characterise the sorption properties of carbon nanomaterials using packed columns and inverse liquid chromatography	June (E)	
5	Klaus Kerpen	klaus.kerpen@uni-due.de	Schmidt/Jochmann/Lutze/Telgheder	Electrochemical degradation of Perfluorinated Compounds with Boron-doped Diamond Electrodes		
6	Andriy Kuklya	andriy.kuklya@uni-due.de	Schmidt/Jochmann/Lutze/Telgheder	Gas-phase modifiers for differential ion mobility spectrometry	June (E)	
7	Florian Uteschil	florian.uteschil@stud.uni-due.de	Schmidt/Jochmann/Lutze/Telgheder	Laser induced fluorescence detection in combination with Ion Mobility Spectrometry using fluorescent dyes		
8	Nerea Lorenzo Parodi	nerea.lorenzo-parodi@uni-duisburg-es	Schmidt/Jochmann/Lutze/Telgheder	Microwave assisted hydrolysis and hollow fiber-liquid phase microextraction for the analysis of aromatic amines with GC-MS		
9	Nenad Stojanovic	nenad.stojanovic@uni-due.de	Schmidt/Jochmann/Lutze/Telgheder	Evaluation of microextraction techniques in compound specific stable isotope analysis	02.05.2016 (E)	
10	Oliver Knoop	oliver.knoop@uni-due.de	Schmidt/Jochmann/Lutze/Telgheder	Degradation of tamoxifen & derivates by ozone	July 2016(E)	
11	Cornelia Zscheppank	cornelia.zscheppank@uni-due.de	Schmidt/Jochmann/Lutze/Telgheder	Method development of potential microbial metabolites by GC-MS		
12	Alyson Ribeiro	alyson.ribeiro@stud.uni-due.de	Schmidt/Jochmann/Lutze/Telgheder	Degradation and toxicity of Cephalosporin antibiotics	May 2016	
1	Lin Gan	lin.gan@stud.uni-due.de	Schmitz	Two dimensional liquid chromatography with a capillary LC in the first dimension	July 2016	
2	Amela Bronja	amela.bronja@stud.uni-due.de	Schmitz	Origin of Life Project / Analyte identification with an ion trap system	Aug 16	
3	Claudia Kowalczyk	joerg.hippler@uni-due.de	Schmitz	Mercury species extraction and analysis in sediments	Aug 16	
4	Susanne Stephan	Susanne.Stephan@uni-due.de	Schmitz	Non target analysis of complex samples with a 2D LC- IMS-ToF-MS system.	Aug 16	
1	Peter Balsaa	p.balsaa@iww-online.de	IWW	LC-MS analysis of pharmaceuticals		single applicants only, German knowledge required
2	Peter Balsaa	p.balsaa@iww-online.de	IWW	Microextraction of volatile organic compounds		single applicants only, German knowledge required
1	Terence Hetzel	hetzel@iuta.de / teutenberg@iuta.de	IUTA	Microfluidic characterization of miniaturized liquid chromatographic systems	Juni (E)	
2	Fabian Itzel	itzel@iuta.de / tuerk@iuta.de	IUTA	Analysis of estrogen and androgen effects using yeast cell assays	August (E)	
3	Jochen Türk	tuerk@iuta.de	IUTA	Sample preparation for GC-MS/MS and LC-MS/MS analysis of micropollutants	August (E)	
			W. Schrader, MPI Mülheim			
			C. Mayer	NMR spectroscopy		
			S. Barcikowski	Nanoparticle analysis		