

SFB 1349 SUMMERSCHOOL 2019



Monday, 9th of September 2019

11.25 - 11.30		Opening address
11.30 - 12.30	Kerstin Palm	Chemie als Austragungsort gesellschaftlicher Geschlechterverhältnisse
12.30 - 14.00		Lunch
	Kurt Hoffmann	Chairman
14.00 - 14.20	Jakob Leppkes	A4 Synthesis of fluorinated amino acids and their application for the fine-tuning of protein-protein interactions
14.20 - 14.40	Maite Nößler	B2 Cobalt Complexes with Fluorinated Ligand Systems: Control of Spin States at the Metal Centers
14.40 - 15.00	Rayoon Chang	C3 Gas-Phase Study of Phenylalanine – The Impact of Side Chain Fluorination
15.00 - 15.30		Coffee break
	Charlotte Hartmann	Chairwoman
15.30 - 15.50	Anselm Loges	A7 The peculiar geochemical behavior of fluorine
15.50 - 16.10	Maeva-Charlotte Kervarec	B4 HF-loaded aluminum chlorofluoride as a nanoscopic Lewis acid catalyst for hydrofluorination reactions
16.10 - 16.30	Rubén Cruz Porras	C5 Self-assembled monolayers of perfluorinated alkanethiols: interaction with water and molecular structure
16.30 - 16.50	Marco Manni	A5 Markov Models of Solvation Shells
16.50 - 17.10	Gene Senges	B3 Journey to the Active Species in the Simons Process
17.10 - 17.30		Coffee break
	Suvrat Chowdhary	Chairman
17.30 - 17.50	Svenja Ehrmann	C6 Supramolecular aggregation of fluorinated amphiphiles
17.50 - 18.10	Stefan Dix	A2 Deoxytrifluoromethylthiolation and Selenylation of Alcohols using Benzothiazolium Reagents
18.10 - 18.30	Stefan Mattson	B6 Theoretische Untersuchung Fluor-Spezifischer Wechselwirkungen in amorphen Metallfluoriden
18.30		Dinner

Tuesday, 10th of September 2019

8.00 - 9.30		Breakfast
	Christin Treiber	Chairwoman
9.30 - 10.30	Ingo Krossing	One for all...! On Unified Acidity and Redox Scales for all Media
10.30 - 10.50	Markus Tiemann	A3 Investigating fluorine-rich phosphotyrosine mimetics to inhibit cancer drug targets
10.50 - 11.10	Patrick Federmann	B1 Cooperating Lewis pairs - Targeting new types of acid sides using fluorinated residues
11.10 - 11.30	Susanne Rupf	B7 Synthesis of persilylated ferrocenium compounds
11.30 - 12.00		Coffee break
	Tuğrul Kaynak	Chairman
12.00 - 12.20	Svante Ihrig	C1 Indigo switches for the quantification of fluorine-specific interactions
12.20 - 12.40	Simon Rachor	A1 Platin und Gold Komplexe mit funktionellen Liganden zur Ausbildung von Wasserstoffbrückenbindungen
12.40 - 14.00		Lunch
	Tuğrul Kaynak	Chairman
14.00 - 14.20	Marius Gernhard	A6 Fuel Cells: The „F“ stands for fluorine
14.20 - 14.40	Elisabeth Wolf	B5 Surface and Bulk Modification of ZnO by Fluorine Treatment
14.40 - 15.00	Maximilian Becker	C4 Computational IR-Spectroscopy of Fluor-Water Interactions
15.00		Final Remarks