



Thursday, October 19th, 2017

Fabeckstr. 34/36, lecture hall AC, FU

- 13:00—14:00** **teaching lecture:** *Unsolved Step-Change Challenges in Industrial Fluorine Chemistry*  
Viacheslav Petrov (Chemours, Wilmington, USA)
- 14:00—14:30** coffee break
- 14:30—15:30** *Fluorine in the limelight: Photoredox catalysis as key for the synthesis of organofluorinated compounds*  
Oliver Reiser (Regensburg)
- 15:30—16:00** *Bringing fluorine to life: insight into the metabolism of Escherichia coli strains living on fluorotryptophan*  
Federica Agostini (AG Kokschi, FU)
- 16:00—16:30** coffee break
- 16:30—17:30** *Synthesis and crystal growths of inorganic fluorides – from simple synthesis to more demanding approaches*  
Zoran Mazej (Ljubljana, Slovenia)
- 17:30—18:00** *First principle investigations of fluorospecific interactions in metal fluorides - Lewis acidity of  $AlF_{3-x}Cl_x$  surfaces*  
Christian Becker (AG Paulus, FU)

Friday, October 20th, 2017

Erwin-Schrödinger-Zentrum Adlershof, 0'119, HU

- 13:30—14:30** *Reaction of 2,2,4,4-Tetrakis(trifluoromethyl)-1,3-dithietane with Styrenes and Nitrogen Heterocycles*  
*What Can be Learned from Known and Unknown*  
Viacheslav Petrov (Chemours, Wilmington, USA)
- 14:30—15:00**  *$H[Al(OTeF_5)_4]$  - A Brønsted Superacid*  
Anja Wiesner (AG Riedel, FU)
- 15:00—15:30** *Lewis Acid Enabled Photoredox Activation of  $C(sp^3)$ -F Bonds*  
Stefan Dix (AG Hopkinson, FU)
- 15:30—16:00** coffee break
- 16:00—17:00** *Base Metal Catalysis Approaches to Greener Hydrofluorocarbon Synthesis*  
Tom Baker (Ottawa, Canada)
- 17:00—17:30** *Reactivity of rhodium (I) complexes towards  $CF_3CF=CH_2$  and  $HC\equiv CCF_3$*   
Maria Talavera (AK Braun, HU)