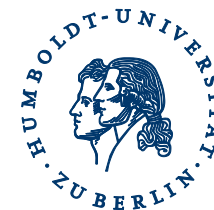


# Fluor als Schlüsselement

GRK 1582/2

61./62. Kollegseminar SS17

Freie Universität Berlin



Thursday, June 22nd, 2017

Erwin-Schrödinger-Zentrum Adlershof, 0'101, HU

- 13:00—14:00** **Teaching lecture:**  
*Fluoroalkylphosphine Coordination Chemistry:  
Development and Applications to Catalysis*  
Dean M. Roddick (Wyoming)
- 14:00—14:30** coffee break
- 14:30—15:30** *Synthesis of Carbon-Based Nanostructures via Selective C-F Bond Activation*  
Konstantin Amsharov (Erlangen)
- 15:30—16:00** *Development of nano-metal fluoride based composites for dental medicine application*  
Stefan Mahn (AK Kemnitz, HU)
- 16:00—16:30** coffee break
- 16:30—17:30** *Chemistry of fluorinated isoindanones: Synthesis, characterization and reactivity of fluorinated polycyclic scaffolds*  
Markus Etzkorn (Charlotte)
- 17:30—18:00** *Prodigiosin Derivatives as Potential Ligands for Metallonucleases*  
Sebastian Doniz-Kettenmann (AG Kulak, FU)

Friday, June 23rd, 2017

Fabeckstr. 34/36, lecture hall AC, FU

- 14:00—15:00** *Organometallic Chemistry of Platinum under Superacidic Conditions*  
Dean M. Roddick
- 15:00—15:30** *Gold Fluorides as Precursor - Taming the High Reactivity of Gold(III) Fluoride*  
Mathias Ellwanger (AG Riedel, FU)
- 15:30—16:00** coffee break
- 16:00—17:00** Radical Perfluoroalkylations using Electron-Catalysis  
Armido Studer (Münster)
- 17:00—17:30** *S-F Bond Activation of Sulfur Hexafluoride at a Xantphos-Type Complex of Rhodium*  
Martin Wozniak (AK Braun, HU)
- 18:00—22:00** Networking BBQ