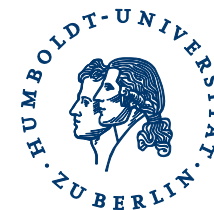


Fluor als Schlüsselement

GRK 1582/2

51./52. Kollegseminar SS16

Freie Universität Berlin



Thursday, May 12, 2016

Erwin-Schrödinger-Zentrum Adlershof, 0⁴119, HU

- 13:00—14:00** *Reliable Computational Approaches to the Study of Compounds Containing Fluorine*
Teaching lecture
David Dixon (Shelby Hall, Alabama)
- 14:00—14:30** coffee break
- 14:30—15:30** *Industrial Scale Production of Fluorochemicals: A critical source of synthons for the preparation of high-valued materials*
Robert Syvret (Arkema, King of Prussia, USA)
- 15:30—16:00** *Development of nano-metal fluoride composites for dental medicine application*
Stefan Mahn (AK Chemnitz, HU)
- 16:00—16:30** coffee break
- 16:30—17:30** *Outer-sphere Electrophilic Fluorination of Organometallic Complexes*
Jason Lynam (York, UK)
- 17:30—18:00** *Highly luminescent NIR Emissive Lanthanides supported by Perfluorinated Porphyrinates*
Ji-Yun Hu (Jun-Long Zhang, Peking)

Friday, May 13, 2016

Fabeckstr. 34/36, lecture hall AC, FU

- 13:00—14:00** *Industrial Fluorochemical Synthesis: Fundamentals of Liquid and Gas Phase Fluorination Catalysis*
Teaching lecture
Robert Syvret
- 14:00—14:30** coffee break
- 14:30—15:30** *Computational Studies of Metal Fluorides*
David Dixon
- 15:30—16:00** *Flow Synthesis of Hydantoins*
Stella Vukelic (AG Kocsch, FU)
- 16:00—16:30** coffee break
- 16:30—17:30** *Gold activating C-F bond: Catalysis and Mechanism*
Jun-Long Zhang (Peking)
- 17:30—18:00** *Gold trifluoride - Route to Fluoroorganogold Compounds?*
Mathias Ellwanger (AG Riedel, FU)