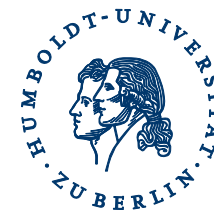


Fluor als Schlüsselement

GRK 1582/2

43./44. Kollegseminar SS15

Freie Universität Berlin



Thursday, April 23, 2015

Fabeckstr. 34/36, seminar room AC, FU

- 13:30 — 14:30** **TL:** *Challenges & Issues of Fluoropolymers*
Bruno Ameduri (Montpellier, France)
- 14:30 — 15:00** *Scandocene Complexes for C-F bond activation*
Juliane Krüger (AG Lentz, FU)
- 15:00 — 15:30** *Synthesis of Fluorinated 1,10-Phenanthrolines and DNA Cleavage Activity of its Cu(II) Complexes*
Carsten Lüdtkke (AG Kulak, FU)
- 15:30 — 16:00** coffee break
- 16:00 — 17:00** *Strategic Incorporation of Fluorine into Bioactive Compounds for Medicinal Chemistry and Chemical Biology Studies — Part 1*
Iwao Ojima (Stony Brook, USA)
- 17:00 — 18:00** *Metal-Catalyzed C–F Bond Activation Avoiding Oxidative Addition—Vinylic and Allylic C–F Bond Cleavage*
Junji Ichikawa (Tsukuba, Japan)

Friday, April 24, 2015

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

- 14:00 — 15:00** *Radical (co)polymerization of fluoromonomers and applications therefrom*
Bruno Ameduri
- 15:00 — 15:30** *From enzymatic in vitro and in vivo production of fluorinated amino acids to fluorine-based bacteria*
Federica Agostini (AG Kokschi, FU)
- 15:30 — 16:00** coffee break
- 16:00 — 17:00** *Strategic Incorporation of Fluorine into Bioactive Compounds for Medicinal Chemistry and Chemical Biology Studies — Part 2*
Iwao Ojima
- 17:00 — 17:30** *Formation of nanoscopic calcium fluoride via sol-gel synthesis*
Alexander Rehmer (AG Kemnitz, HU)