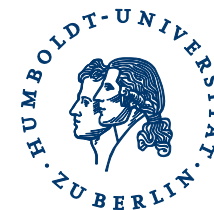


Fluor als Schlüsselement

GRK 1582/2

41./42. Kollegseminar WS14/15

Freie Universität Berlin



Thursday, January 22, 2015

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

- 13:30—14:30** *Future in Fluorine as Key-Element*
Koichi Mikami (Tokyo Institute of Technology)
- 14:30—15:00** *Supramolecular Polymers as Surface Coatings: Rapid Fabrication of Healable Superhydrophobic and Slippery Surfaces*
Christoph Schlaich (AG Haag, FU)
- 15:00—15:30** coffee break
- 15:30—16:30** *Organometallic Aspects of Alkyl and Fluoroalkyl Cross-Coupling Reactions*
David Vivic (Lehigh University, Bethlehem, USA)
- 16:30—17:00** *Synthesis and characteristics of rare earth doped nano-CaF₂*
Benjamin Ritter (AK Kemnitz/Scholz, HU)

Friday, January 23, 2015

Fabeckstr. 34/36, seminar room AC, FU

- 14:00—14:40** *Point defects on well-defined alkaline earth fluoride surfaces: CaF₂(111) as an exploratory example*
Thomas Risse (FU)
- 14:40—15:20** *Low-coordinated Phosphorus Heterocycles: From Molecular Design to Application*
Christian Müller (FU)
- 15:20—15:50** *Rotationally adiabatic pair interactions of para- and ortho-hydrogen with the halogen molecules F₂, Cl₂, and Br₂*
Mathias Berg (AG Paulus, FU)
- 15:50—16:20** coffee break
- 16:20—17:20** *Fluorine and halogens in geological systems*
Timm John (Institute of Geological Science, FU)