



# RadChem 2022

## Monday, 16 May 2022

### Actinoids and Transactinoids: TAN 1 - Marble Hall (13:30 - 15:00)

-Conveners: Eva De Visser - Týnová; Andreas Türler

time	[id] title	presenter
13:30	[903] 5f electron polarizability in a full early actinide (Th-Pu) pyren complex series	Dr MÄRZ, Juliane
14:00	[892] Spectroscopic Investigation of the covalence in An(III) complexes with Picolindiamides	SITTEL, Thomas
14:20	[893] Trivalent Actinide Ions Showing Tenfold Coordination in Solution	Dr WESSLING, Patrik
14:40	[943] Advancements in the fabrication and characterization of actinide targets for superheavy element production	Prof. DÜLLMANN, Christoph

### Actinoids and Transactinoids: TAN Poster - Gallery (17:15 - 18:45)

time	[id] title	presenter
17:15	[1057] Separations of the heaviest actinoids	DVOŘÁKOVÁ, Daniela

# Tuesday, 17 May 2022

## Actinoids and Transactinoids: TAN 2 - Marble Hall (10:30 - 12:00)

-Conveners: Christoph Düllmann; Robert Eichler

time	[id] title	presenter
10:30	[1031] Chemistry with Superheavy Elements at FLNR and at PSI	STEINEGGER, Patrick
11:00	[915] Synthesis and complexation of nitrogen donor ligands with tetravalent uranium	DUCKWORTH, Tamara M.
11:20	[1026] Online Gas Adsorption Chromatography of Tl/TlOH for Future Nh/NhOH Experiments	WILSON, Jennifer
11:40	[920] The use of $^{152}\text{Eu}(\text{III})$ towards the elucidation of $\text{Pu}(\text{III})$ behavior with phosphates	ESCALANTE GUTIÉRREZ, Danae Carolina

# Thursday, 19 May 2022

## Actinoids and Transactinoids: TAN 3 - Marble Hall (13:30 - 15:00)

-Conveners: Patrick Steinegger; Juliane März

time	[id] title	presenter
13:30	[879] Synthesis, characterization and stability of two americium vanadates, AmVO <sub>3</sub> and AmVO <sub>4</sub>	Dr POPA, Karin
13:48	[933] Synthesis and Characterization of Tetravalent Actinide Amidinate Halide Complexes	HONG, Boseok
14:06	[945] Off-line single-atom gas chromatographic adsorption studies of bismuth	Mr DIETZEL, Dominik
14:24	[952] Fundamental behavior of metals in the presence of non-conventional solvents	Dr TERESHATOV, Evgeny E.
14:42	[998] Evaluation of Adsorption Enthalpies in Isothermal Chromatography Experiments under non-optimal Conditions - the case of Tl and TlOH on fused silica	Dr DRESSLER, Rugard