

RadChem 2022

Monday, May 16, 2022

Actinoids and Transactinoids: TAN 1 - Marble Hall (1:30 PM - 3:00 PM)

-Conveners: Andreas Türler; Eva De Visser - Týnová

time	[id] title	presenter
1:30 PM	[903] 5f electron polarizability in a full early actinide (Th-Pu) pyren complex series	Dr MÄRZ, Juliane
2:00 PM	[892] Spectroscopic Investigation of the covalence in An(III) complexes with Picolindiamides	SITTEL, Thomas
2:20 PM	[893] Trivalent Actinide Ions Showing Tenfold Coordination in Solution	Dr WESSLING, Patrik
2:40 PM	[943] Advancements in the fabrication and characterization of actinide targets for superheavy element production	Prof. DÜLLMANN, Christoph

Actinoids and Transactinoids: TAN Poster - Gallery (5:15 PM - 6:45 PM)

time	[id] title	presenter
5:15 PM	[1057] Separations of the heaviest actinoids	DVOŘÁKOVÁ, Daniela

Tuesday, May 17, 2022

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

-Conveners: Robert Eichler; Christoph Düllmann

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

Thursday, May 19, 2022

Actinoids and Transactinoids: TAN 3 - Marble Hall (1:30 PM - 3:00 PM)

-Conveners: **Juliane März; Patrick Steinegger**

time	[id] title	presenter
1:30 PM	[879] Synthesis, characterization and stability of two americium vanadates, AmVO ₃ and AmVO ₄	Dr POPA, Karin
1:48 PM	[933] Synthesis and Characterization of Tetravalent Actinide Amidinate Halide Complexes	HONG, Boseok
2:06 PM	[945] Off-line single-atom gas chromatographic adsorption studies of bismuth	Mr DIETZEL, Dominik
2:24 PM	[952] Fundamental behavior of metals in the presence of non-conventional solvents	Dr TERESHATOV, Evgeny E.
2:42 PM	[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