



# RadChem 2022

## Wednesday, 18 May 2022

### Separation & Speciation: SEP 1 - Red Hall (08:30 - 10:00)

-Conveners: Jiří Janda; Elena Macerata

time	[id] title	presenter
08:30	[953] Field extraction of radon from the spring water into olive oil for healing purposes	Dr GOLIÁŠ, Viktor
09:00	[981] Application of ultra/nano filtration membrane on mining Uranium from seawaters	Ms XING, Chen
09:20	[982] Rapid separation of actinides from water samples on TEVA/TK221 stacked columns	Mr PAPP, Istvan
09:40	[901] Microfluidic solvent extraction for an automated 68Ga cyclotron production loop	Ms TRAPP, Svenja

# Thursday, 19 May 2022

## Separation & Speciation: SEP 2 - Red Hall (10:30 - 12:00)

-Conveners: Andreas Geist; Ota Fišera

time	[id] title	presenter
10:30	[890] Selective actinide(III) separation using 2,6-bis[1-(propan-1-ol)-1,2,3-triazol-4-yl]pyridine (PyTri-Diol) in the innovative-SANEX process: laboratory scale counter current centrifugal contactor demonstration	Dr WILDEN, Andreas
11:00	[941] Insights in the behavior of an emerging lipophilic PyTri ligand for SANEX-like processes	MACERATA, Elena
11:20	[978] Electrochemical oxidation of terbium(III) in aqueous media towards purification of medical Tb-161	ARMAN, Meryem
11:40	[912] Complexation of Eu(III) in artificial digestive media by aminopolycarboxylic acid EGTA	FRIEDRICH, Sebastian

## Separation & Speciation: SEP Poster - Gallery (17:15 - 18:45)

time	[id] title	presenter
17:15	[894] Inhibition the formation of cruds in extraction systems	Prof. GOLUBINA, Elena
17:22	[972] Th(IV) removal from aqueous solutions by oxidized biochar prepared from palm tree fibers	GEORGIU, Efthalia
17:29	[979] UNDERSTANDING THE PERTECHNETATE COMPLEXATION ON ENGINEERED BIOCHAR FOR ITS DETERMINATION BY AMS	Dr DAÑO, Martin
17:36	[974] Polonium removal from waters by silver-coated Luffa Cylindrica biochar fibers	Prof. PASHALIDIS, Ioannis
17:43	[1038] Sorption of actinides using chemically and thermally modified biosorbents	Mrs KAPASHI, Eleftheria
17:50	[1056] Liquid-liquid extraction of radiostrontium into ionic liquids using crown ethers	HOUZAR, Jan
17:57	[1061] Extraction of molybdenum from the nuclear cycle waste streams using ionic liquids	ČUBOVÁ, Kateřina
18:04	[1071] Separation of Fr-221 from Ac-225 using diglycolamide solid extractants	FIALOVÁ, Kateřina
18:11	[1070] Preparation and characterization of $\alpha$ -zirconium phosphate as a perspective material for separation of medicinal radionuclides	ONDRÁK, Lukáš

# Friday, 20 May 2022

## Separation & Speciation: SEP 3 - Red Hall (10:30 - 12:00)

-Conveners: Viktor Goliáš; Andreas Wilden

time	[id] title	presenter
10:30	[1044] Treatment of spent decontamination solutions based on citric acid with oxidic nanoparticles sorbents	FIŠERA, Ota
10:52	[1049] Tracer-scale Mo and W extraction in the Cyanex 600/nitric acid system	BARTL, Pavel
11:14	[989] Establishment of experimental possibilities for separation experiments on gaseous H-isotope mixtures	BECKER, Alexandra
11:36	[1011] Optimization of a chemical separation strategy for trivalent actinides from rare-earth rich deep-sea archives	Dr FICHTER, Sebastian