



# RadChem 2022

## Monday, 16 May 2022

### Student Poster Appetizers: SPA 1 - Red Hall (15:30 - 17:00)

-Conveners: Lukáš Ondrák; Kateřina Fialová

time	[id] title	presenter
15:30	[1096] Characterization of f-element complexes with soft-donor ligands for selective Americium separation	SAUERWEIN, Fynn Sören
15:35	[1097] Complexation studies of Eu(III) with NTA at high ionic strengths	SIEBER, Claudia
15:40	[1098] Radiolytic and hydrolytic degradation of a polycarboxylate superplasticizer	GAJŠT, Tamara
15:45	[1099] THE INFLUENCE OF BATCH SORPTION METHODOLOGIES ON CESIUM, NICKEL UPTAKE ONTO GRANITIC ROCK	KOČAN, Karol
15:50	[1100] Fundamental investigations of actinide immobilization by incorporation into solid phases relevant for final disposal	HUITTINEN, Nina
15:55	[1101] Uptake of <sup>85</sup> Sr onto cementitious materials and synthetic geopolymer	Mr ZNAMÍNKO, Václav
16:00	[1102] Sorption of europium on cementitious materials in the presence of organic substances	BUREŠOVÁ, Marta

# Tuesday, 17 May 2022

## Student Poster Appetizers: SPA 2 - Red Hall (15:30 - 17:00)

-Conveners: Kateřina Fialová; Lukáš Ondrák

time	[id] title	presenter
15:30	[1104] Characterization of radium-containing compounds in the human digestive tract for decorporation	Mr SHAMOUN, Ahmadabdurahman
15:35	[1105] Uranium desorption from microplastic surfaces	IOANNIDIS, Ioannis
15:40	[1108] Radiometric analysis of potassium, radium and uranium levels in Brazil nuts	IOANNIDIS, Ioannis
15:45	[1106] Simultaneous determination of organically bound tritium and radiocarbon by Liquid Scintillation method	CHIPANOVSKA, Natasha
15:50	[1107] DETERMINATION OF <sup>129</sup> I BY ACCELERATOR MASS SPECTROMETRY IN FORENSIC ANALYSIS	MINDOVÁ, Miriam
15:55	[1109] Discrimination of cat and dog foods using neutron activation analysis and machine learning	Mr LIMA, Robson C.
16:00	[1110] Sugarcane quality in the sugar-energy agribusiness assessed by neutron activation analysis	Mr FURLAN, Gustavo Nazato
16:05	[1111] Th(IV) removal from aqueous solutions by oxidized biochar prepared from palm tree fibers	GEORGIU, Efthalia
16:10	[1112] Liquid-liquid extraction of radiostrontium into ionic liquids using crown ethers	HOUZAR, Jan
16:15	[1113] Separation of Fr-221 from Ac-225 using diglycolamide solid extractants	FIALOVÁ, Kateřina
16:20	[1114] Production of high specific activity <sup>51</sup> Cr by chromium-based metal-organic frameworks and the Szilard-Chalmers effect	MA, Chao
16:25	[1115] In vitro studies of Radium-223 and Actinium-225 labelled $\alpha$ -zirconium phosphate as potential carrier for alpha targeted therapy	SAKMÁR, Michal
16:30	[1116] Decontamination loop – useful equipment for the practical training in decontamination	HORYNOVÁ, Alžběta
16:35	[1117] Development of <sup>211</sup> At-Radiopharmaceuticals for Pretargeted Radioimmunotherapy of Disseminated Cancer	TIMPERANZA, Chiara