

RadChem 2014

Tuesday, May 13, 2014

Poster Session - Radionuclides in the Environment, Radioecology - Gallery (5:15 PM - 6:45 PM)

[id] title	presenter	board
[297] Cesium-containing complex oxides of the pollucite structure. Synthesis, properties, preparation of ceramics with high relative density and its radiation tests	Mr TROSHIN, Aleksey	
[294] Distribution of ¹³⁷ Cs, ^{238,239+240} Pu and ²⁴¹ Am in soils and lakes from the Central Spitsbergen	Dr ŁOKAS, Edyta	
[292] Toxic effects of radioactive waste components on microbial cells immobilized on biosensor	Mr SAFONOV, Alexey	
[291] Biological Barrier for Nitrate Ions in Environments	Mr SAFONOV, Alexey	
[197] Peculiarities of plutonium isotopic ratio determination by elemental mass spectrometry	Mr PUZAS, Andrius	
[445] Short-term variations of the ⁷ Be wet deposition in the eastern part of the Czech Republic	KOLIČOVÁ, Petra	
[109] Radioactivity of Tuna samples consumed in Saudi Arabia	Dr ALKHOMASHI, Nasser	
[106] Colliders and their Possible Georadiochemical Effects on the Environment	Mr RYAZANTSEV, George	
[107] Neutrino Emission and the Safety of Nuclear Objects	Mr RYAZANTSEV, George	
[33] Natural radionuclide as a tracer in groundwater-surface water interactions at the artificial recharge system	Dr YOON, Yoon Yeol	
[6] Adsorption of Trivalent Lanthanides and Actinides by Marine Sediments	Mrs LIATSOU, Ioanna Mr PASHALIDIS, Ioannis Mrs EFSTATHIOU, Maria	
[140] Mobility of radioactive cesium in soils originated from the Fukushima Daiichi nuclear disaster; Application of extraction experiments	Dr KIKAWADA, Yoshikazu	
[148] Vertical migration of ¹³⁷ Cs in the undisturbed soil profiles in the basin of Pčinja River, southeastern Serbia	Ms PETROVIĆ, Jelena	
[137] Time evolution of speciation of radionuclides adsorbed on specimens of host rock encasing a reactor	Mrs KONEVNIK, Yulia	
[25] Survey of Radioactivity along the Bosna River	Dr WALLOVA, Gabriela	
[407] Radioactivity and heavy metal concentrations and assessment of hazard indices in sediments from Zhushan bay at Taihu Lake, China	Mr ZHANG, Mingli	
[403] Interlaboratory comparison on the determination of radionuclides in water, food and soil conducted by the National Atomic Energy Agency (NAEA), Poland	Ms OSZCZAK, Agata Dr FUKS, Leon	
[409] Assessment of radiation and chemical risk in soils by radiometric and radioanalytical methods	Ms ILERI, Ruveyda Kubra	
[395] Effect of high ionic strengths on U(VI) retention in montmorillonite	Ms FRITSCH, Katharina	
[86] Radiocarbon calibration curve IntCal and atmospheric ¹⁴ CO ₂ *	Dr SVĚTLÍK, Ivo	
[249] Examination of ²³⁸ Pu, ^{239,240} Pu and ¹³⁷ Cs radionuclide diffusion in soils and lake bottom sediments	Mr BUIVYDAS, Sarunas	

[184] Pu(V) and Pu(IV) oxidation state distribution in natural clay	Dr LUJANIENE, Galina	
[18] Decreasing of Transfer of Caesium and Strontium Radionuclides from Soil to Vegetation	Dr VORONINA, Anna Mrs BLINOVA, Marina	
[326] Comparative study of the thermal, hydrolytic, radiation stability and mechanical properties of Cs, Ba, Sr, and Ln-containing ceramic materials for radiochemical problems and applications.	Mr MIKHAILOV, Dmitriy	
[208] 241Pu in the southern Baltic Sea ecosystem	Ms SZYMANSKA, Karolina	
[207] 241Pu in seabirds	Ms SZYMANSKA, Karolina	
[206] 210Po and 210Pb in fur of domestic animals	Ms SZYMANSKA, Karolina	
[209] Polonium 210Po in edible mushrooms collected in northern Poland	Ms SZYMANSKA, Karolina	
[78] Naturally-occurring radioactivity in table wines	Dr OLIVEIRA, João M.	
[318] Activity of 210Po in the blood and urine of the residents of the Tricity agglomeration	Mr ROMANCZYK, Grzegorz	
[312] New insights into uranyl interaction with proteins	Dr RAFFY, Quentin	
[317] Catalytic wet oxidation of metal ion complexing agents by H2O2 using homogeneous and heterogeneous Fe (III) species	Ms LABKO, Vera	
[316] Polonium (210Po), lead (210Pb) and uranium (234U, 235U, 238U) contamination of environment surrounding phosphogypsum waste heap in Wiślinka (northern Poland).	Mr OLSZEWSKI, Grzegorz	
[367] Mitigating the environmental impact of high salt liquid radwaste concentrates incorporated into cement packages	Dr EPIMAKHOV, Vitaly	
[389] The matrix influence on the determination of low uranium concentrations	Dr ZAVADILOVA, Alena	
[258] Polonium - 210 and Lead - 210 in urine samples of Warsaw residents	Dr ROSIAK, Lidia	
[65] Developing of a method of determination of concentration and isotopic composition of thorium in natural waters in radiation monitoring	PALIGA, Anna	
[252] Pb-210 and Po-210 in Some Medicinal Plants	Dr GOMZINA, Natalia	
[251] Monitoring of Radioactive Contamination of Polish Surface Waters in 2012-2013*	Ms FULARA, AGNIESZKA	
[256] 210Po in Different Types of Teas	Dr GOMZINA, Natalia	
[356] Immobilization of radionuclides into thermal insulation waste	Prof. EPIMAKHOV, Vitaly	
[212] Sorption of chemical elements by plankton in the presence of humic acid	Mr VOLKOV, Ilya	
[282] Comparative study of radioactivity in NORM samples using ICP-MS and Instrumental Neutron Activation Analysis	Dr LIM, Jong Myoung	
[265] The sorption of nickel(II) and europium(III) in the absence and presence of competing metal cations on various oxide minerals with different surface properties	Ms VIRTANEN, Sinikka	
[52] Semi-automated Procedure for Rapid Determination of 90Sr in Water Samples by Cherenkov Counting	Ms MILANOVIĆ, Ivana	
[117] Mobilization of radionuclides and heavy metals from mill tailings in a northern boreal environment	Ms TUOVINEN, Hanna	
[111] Radioactivity in water from uranium mining regions	Dr CARVALHO, Fernando P.	
[425] Isotopic Analysis As an Indicator of the Groundwater Stability	Dr DŁUGOSZ-LISIECKA, Magdalena	

[309] First Shrinkage Parameters of Slovak Bentonites Considered for Engineered Barriers in the Geological Repository for Radioactive Waste and Spent Nuclear Fuel	Mr KRAJNAK, Adrian	
[302] Development of automated system for continuous remote control of radioactivity emitted by nuclear power plants	Prof. KOLOTOV, Vladimir	
[303] Thermodynamic quantities of complex formation of Nd(III) and Am(III) with small organic acids as a function of ionic strength and temperature	Ms MÜLLER, Melanie	
[304] Composite Dust-Suppressing Coatings Containing Nanosized Sorbents Selective to Cesium, Cobalt, and Nickel Radionuclides	Dr MARININ, Dmitry	
[226] Exploration of radon-rich waters in crystalline terrains by gamma method in spite of radioactive disequilibrium	Ms HRUŠKOVÁ, Lenka Dr GOLIÁŠ, Viktor	
[399] ¹²⁹I in the Antarctic seawater measured by carrier free iodine separation and AMS	Prof. ALA, Aldahan Prof. XIAOLIN, Hou Mr SHAN, Xing	
[46] Porosity of inorganic ion-exchangers and their sorption selectivity towards the ions of heavy metals and radionuclides.	Prof. STRELKO, Volodymyr	
[40] Humic acid as a sorbent modifier: humic acid induced synergetic sorption behavior of Prussian blue	Prof. REMEZ, Victor	
[5] Extraction of rare earth elements from the natural and man-made raw by using supercritical carbon dioxide	Dr SAMSONOV, Maxim	