

RadChem 2014

Thursday, May 15, 2014

Poster Session - Chemistry of Nuclear Fuel Cycle / 1st ASGARD International Workshop (5:30 PM - 6:45 PM)

[id] title	presenter	board
[344] Explosion hazards of mixtures of reductants and oxidants used in reprocessing SNF	Dr RODIN, Alexey	
[346] Development and testing of electromigration technique to study radionuclide transport in compacted bentonite	Ms HOFMANOVÁ, Eva	
[296] Electrochemical dissolution of U – 5 mass. % Zr alloy, steel 316 and zircalloy in nitric acid	Mr NIKITIN, Svyatoslav	
[295] Corrosion and Dissolution of Intermetallic Compounds UPd3 and URu3 in 0.5-6.0 M HNO3	Mr ZAVARZIN, Semen	
[290] Cesium containing β -tridymite and maricite type phosphate ceramics: synthesis, structure and thermophysical properties	Mr KORCHEMKIN, Ivan	
[199] Dissolution studies on molybdenum-based inert matrix fuel targets for the transmutation of minor actinides	Ms EBERT, Elena Laura	
[191] Sorption of radionuclides in the environment of uranium hexafluoride	Dr GROMOV, Oleg	
[7] Cementation of Liquid Radioactive Waste with High Content of Borate Salts	Dr ГОРБУНОВА, Ольга	
[244] Study of ⁸⁵ Sr transport through crushed granite in the presence of colloids particles	Mrs VIDENSKÁ, Kateřina	
[274] Plutonium Salt-Free Stripping Agents - Advantages and Disadvantages	Dr MURZIN, Andrey	
[104] Selectivity for Actinides with N,N'-Diethyl-N,N'-Ditolyl-2,9-Diamide-1,10-Phenanthroline Ligand: A Hard-Soft Donor Combined Strategy	Prof. SHI, Weiqun	
[0] Using Basalt Containers for Storage of Glassed Radioactive Waste	Dr KULEMIN, Vladimir	
[98] Study of carbon dioxide solubility in nitric acid and metal nitrates solutions for estimation of carbon-14 distribution between gas phase and solution during dissolution of spent nuclear fuel	Ms SHUDEGOVA, Olga	
[234] About choice of interface language for the solution of problems of mathematical modeling of chemical and technological processes	Dr GROMOV, Oleg	
[233] The process of high-temperature saturation of sorbents lived radio nuclides from solutions of highly active waste and converted into mineral like matrices	Dr ANANIEV, Alex Ms KALENOVA, Maya Dr GROMOV, Oleg	
[147] Thorium based Molten Salt Fuel Cycle	Prof. LI, Qingnuan	
[144] Preliminary Research on Monitoring Uranium Fluoride Volatility Process by Fourier Transform Infrared Spectroscopy	Dr SUN, Lixin	
[142] Research on pyrohydrolysis of fluoride salts	Prof. ZHANG, Lan Dr LIU, Yuxia	
[373] Technological Verificiation of Fluoride Volatility Method	Mr ŠKAROHLÍD, Jan	
[372] Stability of silica-supported monoamide resins with selectivity to U(IV) and U(VI) against γ -ray irradiation in HNO3	Dr NOGAMI, Masanobu	

[179] Change of hydro-geological and geochemical conditions of rocks of a near zone of storages	Dr VESELOV, Evgeny	
[178] Statistical Analysis Methods Application for the Determination of the Radionuclide Migration in the Near-Surface Storage Facilities	Mrs VESELOVA, Elena	
[2] Decontamination of Low Radioactive Liquid Waste from Oils and Petrochemicals Using UV Radiation at NPPs	Dr KULEMIN, Vladimir	
[323] Parametric safety study of a comprehensive model of deep geological repository in the Czech Republic	Dr TRPKOŠOVÁ, Dagmar	
[327] Migration parameter studies of Czech granitic rocks determined by electromigration methods	Mr VEČERNÍK, Petr	
[201] Dissolution behavior of MgO based inert matrix fuel for the transmutation of plutonium and minor actinides	Ms EBERT, Elena Laura	
[75] Reprocessing of Carbide Fuels in Molten Chlorides	Mrs BIKBAJEVA, Zana	
[79] The Effect of pH and Ionic Strength on the Dissolution of TcO₂ in Hyperalkaline Environments	Dr EVANS, Nicholas	
[8] Cementation of the Solid Radioactive Waste with Polymer-Cement Solutions Using the Method of Impregnation	Dr GORBUNOVA, Olga	
[126] Diffusion of Selenium in Crystalline Rock	Mr IKONEN, Jussi	
[168] Ammonium Nitrate and Chelating Agents Decomposition in Autoclave During ILW Processing	Mrs MISHINA, Nadezhda	
[3] Purification of Isotopically Enriched ⁹²Mo from Reprocessing of CerMet Mo-based Transmutation Fuel	Mr MAREŠ, Kamil Vavřinec	
[381] Investigations of the uranyl and neodymium(III) adsorption behavior on ion exchange resins for the weak-acid resin process	Mr SCHREINEMACHERS, Christian	
[387] Long term diffusion experiment (LTD): Analyses of ³H, ²²Na and ¹³⁴Cs diffusion in crystalline rock under real deep geological repository conditions	Mrs HAVLOVÁ, Václava	
[388] Use of ³H for characterisation of crystalline rock migration properties	Mrs HAVLOVÁ, Václava	
[164] neptunium extraction behavior in the plutonium purification process	Mr YE, GuoAn	
[216] Steady-state model of carbon dioxide absorption as a part of mathematical description of on-site nuclear fuel cycle	Mr TKACHENKO, Vladimir	
[211] Characterization of Czech bentonites B75 and S65 and montmorillonite SAz-1: determination of acid/base titration curves and CEC	ADAM, Rostislav	
[263] Radiation-induced modifications on physico-chemical properties of diluted nitric acid solutions within advanced Spent Nuclear Fuel reprocessing	Mr MOSSINI, Eros	
[259] Standard thermodynamic functions and conditional electrochemical potentials of hypothetical crystalline U(II) and Pu(II) chlorides in LiCl-KCl melt	Dr POLYAKOV, Evgeny Dr BARYSHEVA, Nina	
[115] Sorption of americium(III) ions on the bentonite of the Volclay type or red clay	Ms OSZCZAK, Agata	
[306] Behavior Ca, Sr, Ba tungstates in alkali chloride melts LiCl-KCl	POTANINA, Ekaterina	
[225] Immobilization of long-lived iodine after incorporation into apatite and layered double hydroxide matrices	Dr TORAPAVA, Natallia	
[153] Sensitivity analysis of geological parameters influencing a solute transport from a deep repository of spent nuclear fuel	Mr CHUDOBA, Josef	
[158] neptunium extraction behavior in the plutonium purification process	Mr YE, GuoAn	