

RadChem 2018

Monday, May 14, 2018

Poster NAM - Gallery (5:15 PM - 6:45 PM)

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[439] Natural Radionuclides Analysis Using High Volume Liquid Scintillation Counter	Dr YOON, Yoon Yeol	
[461] Study of Gravity Effect on Neutron Spatial Distribution in Cold Neutron beam by HANARO Research Reactor	KIM, Jiseok	
[471] Substituted tetraphenylethene compounds as chemosensors for recognition of Th ⁴⁺ and UO ₂ ²⁺	WEN, Jun	
[475] Tritium speciation in nuclear site metals: An aid to decommissioning	Dr KIM, Daeji	
[476] Development and Implementation of a Method for HEU and LEU nuclear material Age-dating	CARDONA, DANIELE	
[844] An experimental approach to the determination of the gross activity of uranium, plutonium, americium and strontium in human biological samples using solid-state scintillation	JANDA, Jiří	
[571] Preliminary results of analysis of atmospheric aerosols in Bratislava using PIGE technique	JEŠKOVSKÝ, Miroslav	
[621] Study on the nuclear forensics analysis of uranium pellet sample	Mrs JIANG, Xiaoyan	
[673] Instrumental neutron activation analysis in monitoring environmental changes in a heavy traffic area after opening the Blanka tunnel complex in Prague	MIZERA, Jiří	
[691] Performance Prediction of Coincidence-based Prompt Gamma Activation Imaging System using Geant4 Monte Carlo Toolkit	Dr HAN RIM, Lee	
[717] Comparative characterization of biosorbents by thermodynamic and kinetic functions in processes of radionuclides adsorption	Dr VELESHKO, Alexander	
[736] Preparation of micro samples using AAA automat for AMS radiocarbon dating	Mr ŠIMEK, Pavel	
[665] Evaluation of Radon Suppression in Low Background Gamma-ray Spectroscopy Based on Monte Carlo Simulation Approach	Dr HOANG, Sy Minh Tuan Dr SUN, Gwang Min Mr KIM, Jiseok	
[538] Determination of plutonium in water fluids of naval nuclear reactor plants	EPIMAKHOV, Vitalii	
[642] Instrumental neutron activation analysis with anticoincidence counting significantly reduces interferences from ⁸² Br and ¹²² Sb to allow reliable measurements of nanogram levels of arsenic in biological materials via ⁷⁶ As	CHATT, Amares	
[535] Leak detection of irradiated fuel assemblies in naval marine plants	Dr EPIMAKHOV, Vitalii	
[698] Non-destructive determination of elemental composition of samples of various origin using PIXE technique	ZEMAN, Jakub	
[843] A Rapid Determination of the Uranium in Environmental Samples	LIM, Jong Myoung	
[714] Application of chromatographic techniques in radiocarbon dating	Dr BRYCHOVA, Veronika	
[581] Combination of an automated isolation method and gamma spectrometry for determination of Fe-55 in complex samples	Dr TUCAKOVIĆ, Ivana	

[612] Study of new luminophores for use in modern scintillation cocktails	JANDA, Jiří	
[548] Electronic Structure Studies of Th Systems using X-ray and theoretical Methods	GALANZEW, Jurij	
[528] A Comparison Study of Simulation for Neutron Induced Prompt Gamma Using MCNPX and PHITS	LEE, KIMAN	
[622] Initial study on determination of uranium in wiped samples by Total reflection X ray fluorescence spectrometry	ZHAO, Xinghong	
[653] Activation analysis screening of hazardous elements in a dump soil in the Central Bohemia Region	Dr KRAUSOVÁ, Ivana	
[863] Building of the first AMS laboratory in the Czech Republic – Extension of the CANAM infrastructure	Prof. KUČERA, Jan	
[664] Precise Determination of U-235 and Ra-226 Photopeak Intensities in Naturally Occurring Radioactive Materials Using Optimization Subroutine Function	Dr HOANG, Sy Minh Tuan Dr SUN, Gwang Min Mr KIM, Jiseock	
[745] Preparation of Fluoride Target Matrices for U-236 AMS Measurement	PRÁŠEK, Tomáš	
[818] Application of graphene oxide (GO) and chemically modified GO for radioanalytical separations and preconcentrations.	CHAJDUK, Ewelina	
[831] Multielement content of Canadian food samples by instrumental neutron activation analysis	Dr FUKUSHIMA, Michiko	
[859] Separation and isotope ratio measurements of lanthanides and uranium, using HPIC-SF-ICP-MS, for characterization of spent nuclear fuel	WANNA, Nancy	
[821] Determination of the gross activity of uranium, plutonium, americium and strontium in environmental samples using solid-state scintillation	JANDA, Jiří	
[837] Potentiometric uranyl-selective sensor based on a new supramolecular composition	Dr SAFONOV, Alexey	
[860] Use of microtron for photon activation analysis	CHVÁTIL, David	
[866] Performance comparison of experimental liquid scintillation cocktails	JANDA, Jiří	
[540] Monitoring of iodine radionuclides in NPP gas emissions	EPIMAKHOV, Vitalii	
[760] Radioactivity of chondrites and meteorites from Mars and the Moon: Measurements and Monte Carlo simulations	Prof. POVINEC, Pavel P.	