RadChem 2010

Tuesday, April 20, 2010

Poster Session - Nuclear Analytical Methods - Gallery (11:45 AM - 1:15 PM)

[id] title	presenter	board
[19] Determination of ⁹⁰Sr and ²¹⁰Pb in deer bone samples by liquid scintillation counting after ionic exchange procedures	Mrs WALLOVA, Gabriela	NAM.P 02
[27] Comparative kinetic studies on the corrosion process using two methods based on the β-rays retention and atomic absorption spectroscopy	Prof. CECAL, Alexandru	NAM.P 03
[48] Determination of radiostrontium in food and water samples using fuming nitric acid	Ms ILIC, Zorana	NAM.P 05
[72] Determination of ²¹⁰Po and uranium in high salinity water samples	Mr GRABOWSKI, Pawel	NAM.P 07
[75] Applicability of k₀-based neutron activation analysis using a Compton suppression γ-ray spectrometer	Dr HO, Dung Manh	NAM.P 08
[82] Alpha radiometry of uranium by liquid scintillation counting after pre-concentration by cloud point extraction	Ms CONSTANTINOU, Eleni	NAM.P 09
[88] Mercury in Bach Ho crude oil of Vietnam as determined by k₀-based instrumental neutron activation analysis	Dr DUONG, Luong Hien	NAM.P 10
[94] Alpha radiometric determination of plutonium and uranium isotopes after separation of the radionuclides by cation exchange and liquid extraction	Ms KILIARI, Tasoula	NAM.P 11
[104] Pulse shape analysis to reduce the background of BEGe detectors	Dr GONZÁLEZ DE ORDUÑA, Raquel	NAM.P 12
[153] NORM at indoor environments using aerosols passively collected at classrooms of Lisbon basic schools	Dr FREITAS, Maria do Carmo	NAM.P 13
[154] The use of coincidence summing effect in γ spectrometry for the determination of full energy photopeak efficiency and activity of the ⁶⁰Co-60 point source	Mr ŠTRBAC, Bojan	NAM.P 14
[165] Separation, preconcentration of lanthanum from monazite and its determination by ¹³⁸La using non-destructive γ ray	Prof. EL-SAYED, Ashraf	NAM.P 15
[183] Chemical composition of silica phytoliths. Comparison of different isolation methods.	Mr KAMENÍK, Jan	NAM.P 16
[196] Measuring of gross α and β activity by means of LSC	Dr SAS, Daniel	NAM.P 18
[198] Modification of precise technique for determining Pu mass fraction by automatic coulometric titration method	Dr CHISTYAKOV, Vladimir	NAM.P 19
[203] Determination of magnesium in biological materials by neutron activation and anti-coincidence γ-ray spectrometry	Prof. CHATT, Amares	NAM.P 20
[208] Composition analysis of zirconium alloys by k₀-based PGAA using Budapest cold neutron beam facility	Dr REVAY, Zs.	NAM.P 22
[214] Analysis of large and non-standard geometry samples of ancient potteries and bricks by internal monostandard NAA using insitu detection efficiency	Mr DASARI, K.B.	NAM.P 23
[217] Determination of silver and gold in copper concentrate	Dr SWAIN, Kallola Kumar	NAM.P 24
[228] Metal detection in solution by new mass-spectrometrical method	Dr BABAIN, Vasiliy	NAM.P 26

[232] Applications of nuclear analytical methods in the historical glass in Thailand	Dr DARARUTANA, Pisutti	NAM.P 27
[233] Gross α activity determination in water and ²¹⁰Po	Dr SVĚTLÍK, Ivo	NAM.P 28
[235] Routines of ²¹⁰Po determination in fluvial sediments for dating purpose	Ms NOVAKOVA, Tereza	NAM.P 29
[244] Development of k₀-cyclic neutron activation analysis at the Portuguese research reactor	Dr BEASLEY, Daniel	NAM.P 32
[247] Assessment of contamination levels and dispersion in a mining impacted area by INAA and μ-PIXE analysis	Dr HOSSAIN, md anawar	NAM.P 33
[257] k₀-INAA using comparator and neutron flux monitor at CDTN/CNEN, Brazil: advantages and disadvantages	Dr MENEZES, Maria Angela	NAM.P 34
[265] Airborne and terrain γ spectrometry monitoring of natural and artificial radioactivity	Dr JANDA, Jiří Dr SLÁDEK, Petr	NAM.P 35
[269] Application of Monte Carlo simulation to design a modular ²⁴¹Am-Be neutron irradiator irradiator	Prof. TOMARCHIO, Elio	NAM.P 37
[278] Development of the method for determination of technetium in environmental and biological samples	Dr ZORIY, Myroslav	NAM.P 38
[311] Rapid and simultaneous determination of neptunium and plutonium in environmental samples by extraction chromatography using sequential injection and ICP-MS	Ms QIAO, Jixin	NAM.P 40
[323] Characterization of abandoned contaminated Valongo mining area at Portugal, by INAA	Mr CANHA, Nuno	NAM.P 42
[329] Transfer coefficients from soil to roots of wheat plants by INAA	Ms GALINHA, Catarina	NAM.P 43
[334] Determination of selenium in soft and durum wheat (plant and grain) using the short-lived nuclide	Ms GALINHA, Catarina	NAM.P 44
[341] Determination of ^{238,239,240,241}Pu, ²⁴¹Am, ^{242,243,244}Cm, ⁹⁰Sr, ⁵⁵Fe and ⁶³Ni in low and intermediate level operational radwaste	Dr LUJANIENE, Galina	NAM.P 45
[344] Determination of the impurities of reactor core graphite with neutron activation analysis, X-ray fluorescence and mass spectrometry techniques for graphite waste modeling	Mr PUZAS, Andrius	NAM.P 46
[346] Tritium content distribution in Jeju island groundwater using Ni-Ni electrolytic enrichment method	Dr YOON, Yoon Yeol	NAM.P 47
[174] Optimisation of neutron flux parameters determination for k₀ standardization during irradiation at reactor LVR-15 in Řež	Ms KUBEŠOVÁ, Marie	NAM.P 51
[292] ¹²⁹I in Finnish waters	Prof. LEHTO, Jukka	NAM.P 52
[371] ²³⁶U in well water - a tool for uranium prospection?	Dr STEIER, Peter	NAM.P 53
[372] (Radio)Chemistry in AMS – a Servant or a Partner?	Dr NĚMEC, Mojmír	NAM.P 54
[373] Calibration and Environmental Monitoring Using PGIS-128 Gamma-ray Spectrometer	Dr OHERA, Marcel	NAM.P 55