

NRC-8, EuCheMS International Conference on Nuclear and Radiochemistry

Monday, 17 September 2012

Poster Session: 1, Session dedicated to the 80th Birthday of Prof. (em) Ignazio Renato Bellobono (17:30 - 19:00)

[id] title	presenter	board
[138] Electrosynthesis of electrophilic n.c.a. 18F-fluorinating reagents	Mr DRERUP, Christian	
[187] Neptunium Redox Chemistry in Irradiated HNO ₃ Solutions	Dr PAULENOVA, Alena	
[261] The influence of iron on the efficiency of the 68Ga labeling of DOTATOC and simple colorimetric determination of iron	Dr MUELLER, Dirk	
[125] Determination of Boron distribution in Co-Re alloys	Dr SZENTMIKLÓSI, László	
[140] Gallium-68 complexes of NOTA-bis(phosphonates) conjugates as radiotracers for bone imaging with PET	Mr HOLUB, Jan	
[162] Synthesis and Characterization of Radiolabelled Silver Nanoparticles	Dr ICHEDEF, Cigdem	
[36] Characterization of At ⁻ and AtO ⁺ species in simple media by high performance ion exchange chromatography coupled to gamma detector. Application to astatine speciation in human serum.	Dr SABATIÉ-GOGOVA, Andrea	
[126] Liquid-phase Studies of Seaborgium using the Automated Liquid-liquid Extraction system SISAK	Dr OMTVEDT, Jon Petter	
[183] Validation of the method for Ni determination in NPP evaporator concentrates	Dr SULAKOVA, Jana	
[139] The Effect of Cellulose Degradation Products on the Migration of 90Sr in Cementitious Backfill using Radial Diffusion.	Mr HINCHLIFF, John	
[172] Experimental Performance Evaluation of a Compton Suppression System for Neutron Activation Analysis by Using a Gamma-ray Source and Standard Reference Materials	Mr MOON, JongHwa	
[132] Detection of irradiated foods using TL, ESR and GC/MS	Mrs KANG, Yoonjung	
[214] A new PTS for short-time neutron activation analysis	Prof. ISMAIL, Saleh	
[184] Mineral Nutrients in Brazilian Commercial Dog Foods	Ms ELIAS, Camila	
[223] INAA for discriminating geographic origin of Brazilian rice	Dr ELIAS, Camila Prof. DE NADAI FERNANDES, Elisabete	
[159] Natural radionuclides levels in spices and medicinal plants by gamma spectrometry	Dr JAHOUACH-RABAI, Wafa	
[189] The air-water partitioning of radon in groundwater contaminated by BTEX	Dr LEE, Kil Yong	
[130] On the way to the synthesis of the first transactinide carbonyl complex	Dr EVEN, Julia	
[131] Determination of Mineral Contents in Korean Domestic Unpolished Rice and Bean Samples by Neutron Activation Analysis	Mr MOON, JongHwa	
[21] Experimental Investigation on Cryogenic Adsorption of Low-concentration Hydrogen from Helium by MS5A	Ms QIAN, xiaojing	

[211] Characteristics of Uranium species when U(III) in a LiCl-KCl molten salt was leached out with water and ionic liquid	Dr IM, Hee-Jung	
[24] Gas-phase chemistry of carbonyl complexes formed in hot-atom reactions with short-lived isotopes of a Cf-252 fission source	WANG, Yang Prof. QIN, Zhi	
[105] Radiochemical separation of arsenic from selenium and its potential usage in generator isotope production.	Dr CHAJDUK, Ewelina	
[59] Fast beta-alpha-pile-up suppression electronics for super heavy element identification	Dr DRESSLER, Rugard	
[55] Selective ion exchangers for Fukushima waste effluent purification	Prof. LEHTO, Jukka	
[217] Radiosynthesis of ¹⁸F-Labeled Diclofenac Hydroxy-Derivative as potential micro-PET imaging tracer	LIN, Manjing	
[123] NukWik – A Tool for Collaboration and Sharing Teaching Material in Radiochemistry	Mr LERUM, Hans V. Mr NORÉN, Henrik	
[268] Problems of determination of Tc-99 in soil and sediments	Prof. MIETELSKI, Jerzy Mr KLESZCZ, Krzysztof	
[51] Biodistribution of Gadolinium-Based Contrast Agent, and Concentration of Trace Elements in Normal and Nephrectomized Mice	Mr WASHIYAMA, Kohshin	
[53] Study of the Production of Mo and Tc Medical Radioisotopes Via Proton Induced Nuclear Reaction on natMo.	Dr ALHARBI, Abeer	
[164] Extraction of Zr and Hf using TBP and TIOA for the chemistry of element ¹⁰⁴Rf	Dr KASAMATSU, Yoshitaka	
[195] Application of medium-energy proton beam from AIC-144 cyclotron in biological and environmental studies	Ms WÓJCIK, Anna	
[197] Automated rapid α/SF detection system for studying aqueous chemistry of superheavy elements at RIKEN	Dr HABA, Hiromitsu	
[193] ⁶⁶Ga-labeling of DOTA-conjugated cyclic RGDfK dimer for αvβ3 integrin overexpression tumors	AVILA-RODRIGUEZ, Miguel	
[110] Recoil-radiolabelling of nanoparticles with ⁷Be generated by ⁷Li(p,n)⁷Be reaction in mixed powder targets.	Dr KOZEMPEL, Jan	
[101] Characterization of silicon for photovoltaic applications with INAA and PGAA	Dr WIEHL, Norbert	
[104] Radiochemical separation of uranium and protactinium from neutron irradiated thorium.	Dr CHAJDUK, Ewelina	
[257] NORMA: A new PGAI-NT setup at the Budapest Research Reactor	Dr SZENTMIKLÓSI, László	
[166] Non-destructive and quantitative multi-elemental analysis by muonic X-ray spectroscopy for archeological bronze samples	Dr NINOMIYA, Kazuhiko	
[61] Study on Quadrivalent Chemical Species of Rutherfordium in Aqueous Solution by Means of TTA resin	Dr YOKOYAMA, Akihiko	
[258] SYNTHESIS AND X-RAY STUDY OF RADIUM METAPLUMBATE	BUTKALYUK, Irina	
[186] Mineral Elements Determination in Medicinal Plants	SILVA, Paulo	
[202] Development of a liquid scintillation detection system for aqueous chemistry of seaborgium	Mrs KOMORI, Yukiko	
[99] Development of diet-induced obesity in the rat, followed by radioanalytical methods	Dr PAVELKA, Stanislav	
[98] Radiometric quantification of type 1 iodothyronine 5'-deiodinase activity in human white adipose tissue	Dr PAVELKA, Stanislav	

[168] A preliminary study of prompt gamma-ray activation analysis using pulsed neutron at J-PARC / ANNRI	Dr TOH, Yosuke	
[97] Quantification of iodothyronine deiodinases activities, induced in cultured astrocytes by purinergic agonists, with the use of radiometric enzyme assays	Dr PAVELKA, Stanislav	
[204] Synthesis of new ¹⁸F-labelled Porphyrins and their potential application for in vivo Molecular Imaging with PET	Ms SIMÕES, Ana	
[155] New analytical method for actinide (Pu, Am, U, Th, Np) separation based on diglycolamide resin (DGA)	Ms GROSKA, Judit	
[157] Geochemically anomalous phonolites from Lusatian Mountains, Czech Republic: Possible source materials and processes of their origin	Dr MIZERA, Jiří	
[158] Diamond Detectors in Transactinide Chemistry	Mr STEINEGGER, Patrick	
[48] Fluorescent Imaging of the Radiation Dose Surrounding an Iridium-192 Seed Used in Brachytherapy	Dr DENKOVA, Antonia	
[86] Redox studies of the heaviest elements using an electrolytic column apparatus	Dr TOYOSHIMA, Atsushi	
[43] Sequential separation of ultra-trace U, Th, Pb, and lanthanides with a single anion-exchange column	Dr MIYAMOTO, Yutaka	
[1] Nuclear and radioanalytical techniques in nanotoxicology research: studies on the Rabbit Reproductive System	Prof. GROPPPI, Flavia	
[200] Extraction behavior of Mo(VI), Mo(V), W(VI), and W(V) from HCl solutions by Aliquat 336	Mr YOKOKITA, Takuya	
[143] Advanced Fuels for Generation IV reactors: Reprocessing and Dissolution – ASGARD	Dr RETEGAN, Teodora	
[74] On the fast release of tracer elements from metallic hosts – a step towards vacuum chromatography	Dr EICHLER, Robert	
[262] Separation of actinium-225 for nuclear medicine purposes from thorium targets irradiated by high energy protons	ALIEV, Ramiz	
[47] Sequential separation and determination of Pu, Sr-90 and Am-241 in soil and sediment samples using DGA Resin for the preconcentration of the actinides.	Dr JÄGGI, Maya	

Wednesday, 19 September 2012**Poster Session: 2, Session dedicated to Prof. Attila Vertes (deceased on 31 December 2011) (18:00 - 19:50)**

[id] title	presenter	board
[167] Anomalous uranium enrichment in coals from Odeř, Sokolov Basin, Czech Republic	Dr MIZERA, Jiří	
[213] Environmental impact due to the operation of a tin and lead industry inferred by lichens	Dr LEONARDO, Lucio	
[226] Time lag between the tropopause height and ⁷ Be activity concentrations on surface air	Prof. IOANNIDOU, Alexandra	
[199] Nuclear and radiochemical study of production and utilization of radioactive astatine isotopes in the ⁷ Li+natPb reaction	Dr NISHINAKA, Ichiro	
[181] Separation of radioiodine by dry distillation process from irradiated elemental Te target	Mr WAŚ, Bogdan Mr BARTYZEL, Mirosław Dr MISIAK, Ryszard	
[103] Characterization of the Natural Organic Matter (NOM) by ultrafiltration and fluorescence in a groundwater plume contaminated with ⁶⁰ Co and ¹³⁷ Cs	Dr CARON, François	
[117] Redox behavior of the Tc(VII)/Tc(IV) couple in dilute to concentrated NaCl and MgCl ₂ solutions	Mrs YALCINTAS, Ezgi	
[119] Nuclear spallation reactions in chromium, yttrium and terbium with 386 MeV neutrons	Dr SEKIMOTO, Shun	
[106] Interaction of Cm(III) with human serum transferrin studied by Time-Resolved Laser Fluorescence Spectroscopy (TRLFS)	BAUER, Nicole	
[176] Spectroscopic Studies of Complexation Behaviour of Uranium(VI) by Schiff Bases	Ms LINDNER, Katja	
[112] Selective liquid-liquid extraction of Sr-85 with modified calixarenes	Dr MANSEL, Alexander Ms POETSCH, Maria	
[81] Application of a mixed bed column for the removal of iodine from radioactive process effluents	Dr HAPPEL, Steffen	
[100] Production and purification of ⁵⁶ Co at the Leipzig cyclotron	Dr MANSEL, Alexander Dr FRANKE, Karsten	
[142] Polonium Evaporation Studies from Liquid Lead-based Alloys	Mr RIZZI, Matthias	
[198] Radioactivity measurement for air-dust and soil collected in eastern Japan area after the nuclear accident at the Fukushima Daiichi Nuclear Power Station	Mr ZHANG, Zijian	
[148] An Automated Production of ⁶⁴ Cu on 18/9 MeV cyclotron	Prof. RAJEC, Pavol	
[94] Pd-based intermetallic targets for high intensity irradiations	Mr USOLTSEV, Ilya	
[230] Chemical Decontamination, at Field, after ¹³⁷ Cs Accident at Goiania, Brazil	Prof. MEDEIROS, Joao Alfredo	
[208] Radiochemical and cross section studies for the production of the therapeutic radionuclide ^{193m} Pt	Dr SCHOLTEN, Bernhard	
[219] Uranium in ground water samples from Anthemountas Basin, Northern Greece	Prof. IOANNIDOU, Alexandra	
[85] Separation of carrier free ¹⁷⁷ Lu from ¹⁷⁷ Lu /Yb mixture by electro-amalgamation of ytterbium	Dr CIESZYKOWSKA, Izabela	

[28] A Solid-State NMR Study of the Complexation of ¹⁰⁹ Cd with Isosaccharinic Acid	Dr EVANS, Nick	
[62] Application of Non-linear Heterogeneity-based Isotherm Models for Charactering Sorption of Cs and Se on Mudrocks	Dr CHUAN-PIN, Lee	
[191] Atmospheric activity concentration of radiocesium at Mikamine, Sendai and radioactivity distribution on the collection filters used in the measurement.	Dr KIKUNAGA, Hidetoshi	
[156] Measurements of γ - and β^+ -intensities of Ti-45	Mr KUHN, Sebastian	
[83] Pu-240/Pu-239 atom ratios in the northern North Pacific and equatorial Pacific water columns	Prof. YAMADA, Masatoshi	
[26] Coprecipitation of Radionuclide Microquantities on Chitosans of Different Molecular Masses in Solutions	Prof. KULYUKHIN, Sergey	
[118] Validation of neutron induced data up to 18 MeV for production of the therapeutic radionuclide ⁶⁷ Cu	Dr HUSSAIN, Mazhar	
[182] Iodine-129 and iodine-127 in soils from Germany	Dr RIEBE, Beate	
[69] The LARAMED project at INFN Legnaro National labs	Dr ESPOSITO, Juan	
[27] The Thermal Decomposition of CH3131I in a Gas Phase	Prof. KULYKHIN, Sergey	
[215] Gamma external radiation dose for Mexican population	Dr NAVARRETE, Manuel	
[212] Sorption of niobium on Olkiluoto soil samples	SÖDERLUND, Mervi	
[133] Cyclotron produced ⁴⁵ Ti – production, purification and yields	Dr FRANKE, Karsten	
[225] Assessment of present and future radioactive contamination at global scale	Dr NAVARRETE, Manuel	
[221] Investigation of uranium contamination in ground water of southwest Punjab using EDXRF technique	Dr ALRAKABI, Muhanad	
[68] Study of Uranium Behavior in Lignite Sediments from Ruprechtov Natural Analogue Site	Mr PIDCHENKO, Ivan Dr SUKSI, Juhani	
[121] Research Alliance for Validation of PGAA Actinide Nuclear Data	Mr GENREITH, Christoph	
[129] Structural Transformations in Metallic Iron under the Action of External Irradiation	Prof. ALEKSEEV, Igor	
[50] Sorption of Cadmium, Nickel, Caesium and Strontium to a Laterite Soil: Application of Linear Additive Model and Surface Complexation Modelling	Mr ANJOLAIYA, Olanrewaju	
[93] Preparation of ⁵⁷ Co sources for Mössbauer Spectroscopy	Dr ŻÓŁTOWSKA, Małgorzata	
[147] Development of production possibilities of n.c.a radiomanganese in a non aggressive and toxic medium	Dr BUCHHOLZ, Martin	
[194] Selected Elements content in Paraguayan Wheat	Prof. FACETTI - MASULLI, J F	
[190] Iodine-129 and iodine-127 in aerosols from Northern Germany	Dr DARAOU, Abdelouahed Dr RIEBE, Beate Ms SCHWINGER, Mareike	
[115] CROCK: Crystalline Rock Retention Processes A 7th Framework Programme Collaborative Project (2011-2013)	Dr RABUNG, Thomas	
[114] THEREDA – a Thermodynamic Reference Database project	Dr ALTMAIER, Marcus	
[87] Experiments to demonstrate chemical containment: Solubility under the cementitious conditions of a repository in the UK	Dr FELIPE-SOTELO, Monica	
[84] Fractionation of U, Th, Ra and Pb from boreal forest soils by sequential extractions	Ms VIRTANEN, Sinikka	
[102] Archaeometry with INAA at the Research Reactor TRIGA Mainz	Mr STIEGHORST, Christian	

[249] Separation of no-carrier-added 109Cd from natural silver target using RTIL 1-butyl-3-methylimidazolium hexafluorophosphate	Prof. LAHIRI, Susanta	
[39] 64Cu and 67Cu Production and Purification Research at the Radiation Science and Engineering Center at the Pennsylvania State University	Prof. UNLU, Kenan	
[109] Attachment of APTES ((3-aminopropyl)triethoxysilane) to silica for sorption and selective removal of radionickel from solution	Mr HOLT, James	
[64] Accelerator-based Alternative Tc-99m production: EMPIRE 3.1 theoretical simulations of cross sections for Mo(p,X) reactions and comparison with literature experimental data	Dr ESPOSITO, Juan	
[174] Iodine - 129 in water samples from Germany	Ms SCHWINGER, Mareike	
[180] TiO2 based absorber for uranium separation and 236U measurement with AMS	Dr NEMEC, Mojmir	
[91] A novel path in partitioning: Water-soluble BTP ligands for the innovative SANEX process	Prof. PANAK, Petra	
[220] Elemental analysis of rivers, marshes and ground water in Thi Qar region, Iraq	Dr ALRAKABI, Muhanad	
[66] Retardation behavior of Sr and Cs in Crushed and Intact Rocks Two potential LLW repository Taiwan host rocks	Prof. WU, Ming-Chee	
[88] Generation of inorganic colloids in the chemical disturbed zone in the proximity of a cementitious repository	Dr FELIPE-SOTELO, Monica	
[116] Trivalent Actinide/Lanthanide Sorption under Saline Conditions	Dr RABUNG, Thomas	
[67] Radiochemical separation of no-carrier-added 97Ru and 95Tc produced by 12C-induced reaction on natural yttrium target	Prof. LAHIRI, Susanta	
[224] Improvement of Detection Limits for Gamma-Ray Emitting Naturally Occurring Radionuclides in Drinking Water and Biological Materials by Instrumental Analysis using Compton Suppression Spectrometry	Prof. CHATT, Amares	
[49] Characterisation of Radioactive Scales (NORM) Produced by the Onshore Oil and Gas Industry in the UK	Mr AFOLABI, Oluwasola	
[209] Airborne radionuclides measured in Wako, Japan, after the Fukushima Dai-ichi nuclear power plant accident in 2011	Mr KANAYA, Jumpei	
[79] Development of actinide liquid scintillating target	Dr AUIPAIS, Jean	
[77] Structural studies of actinide-peptide complexes	Dr SAFI, Samir	
[70] Preparation of TBq Activity 7Be from SINQ Cooling Water	Mrs STOWASSER, Tanja	
[205] Preparation of spiked grass for use as environmental radioactivity calibration standard	Dr LOURENÇO, Valerie	
[144] EC Interlaboratory Comparison on Radionuclides in Dried Bilberries	Dr MEREŠOVÁ, Jana	