

CONFERENCE PROGRAMME

Sunday 28, May 2017

15:00-18:00	Registration
18:00-20:00	WELCOME PARTY

Monday 29, May 2017

08:00-09:00	Registration
09:00-09:30	OPENING OF THE CONFERENCE Room: Glass A Chair: G. Lujanienė
	Prof. Gintaras Valušis , Director of SRI Center for Physical Science and Technology Vitalijus Auglys , Director of Pollution Prevention Department, Ministry of Environment Julis Žiliukas , Director of Expertise and Exposure Monitoring Department, Radiation Protection Centre Darius Udrys , Director of Go Vilnius, Vilnius City Municipality
09:30-11:30 PL1	PLENARY SESSION I Room: Glass A Chair: G. Lujanienė, P.P.Povinec
09:30-10:00 Id-1	Peter Steier, Austria "New" environmental radionuclides made accessible by Ion-Laser Interaction (ILIA) <i>P. Steier, J. Lachner, A. Kalb, Ch. Marek, M. Martschini, A. Priller, and R. Golser</i>
10:00-10:30 Id-2	William Kieser, Canada Progress in AMS Radioisotope Analysis Using Fluoride Target Matrices <i>W.E. Kieser, X-L. Zhou, C. McDonald and R.J. Cornett</i>
10:30-11:00 Id-3	Timothy Jull, USA What can rapid carbon-14 excursions in the tree-ring record tell us about past "space weather" and the carbon cycle? <i>A.J.T. Jull, F. Miyake, I. Panyushkina, K. Masuda, T. Nakamura, K. Kimura, M. Hakozaiki, L. Wacker, T.E. Lange, R.J. Cruz, Ch. Baisan. M.W. Salzer, R. Janovics, K. Hubay, M. Molnár</i>
11:00-11:30 Id-4	Filippo Terrasi, Italy AMS studies of NPP environmental impact <i>F. Terrasi</i>
11:30-12:00	Coffee break

PARALLEL SESSIONS 1 12:00-13:00

SESSION 1A: AMS APPLICATIONS Room: Glass A Chair: W. Kieser, P. Steier		SESSION 1B: MARINE ENVIROMENT Room: Amber Chair: M. Eriksson, S.-H. Lee	
12:00 Id-5	Karin Hain, Austria $^{233}\text{U}/^{236}\text{U}$ – A new tracer for environmental processes? <i>K. Hain, P. Steier, R. Eigl, M. B. Froehlich, R. Golser, X. Hou, J. Lachner, J. Qiao, F. Quinto, A. Sakaguchi</i>	12:00 Id-9	Martina Rozmaric, Monaco Marine environmental radioactivity off Namibia's coast <i>M. Rozmaric, D.C. Louw, I. Osvath, O. Blinova, I. Levy, M.K. Pham, P. McGinnity, M. Fujak, J. Bartocci, S.B. Mudumbi, T.K.S. Kahunda, K. Grobler, E. Chamizo, M. Lopez, J.M. Lopez-</i>

			<i>Gutierrez , R. Garcia Tenorio and Lj. Benedik</i>
12:15 Id-6	Francesca Quinto, Germany Investigating the long-term behaviour of actinides in repository relevant conditions with the multi-actinides analysis and AMS <i>F. Quinto, F. Geyer, M. Lagos , M. Plaschke, T. Schäfer, P. Steier and H. Geckeis</i>	12:15 Id-10	Daniela Pittauer, Germany Plutonium in Bismarck Sea sediments: South vs. North Pacific Signals <i>D. Pittauer, P. Roos, J. Qiao , W. Geibert and H.W. Fischer</i>
12:30 Id-7	Miroslav Jeřkovský, Slovakia Preliminary study of AIN targets for accelerator mass spectrometry <i>M. Jeřkovský, J. Pánik, J. Kaizer, P. Steier and P. P. Povinec</i>	12:30 Id-11	Jerzy Mietelski, Poland ²⁴¹ Pu/ ²³⁹⁺²⁴⁰ Pu ratio in Antarctic marine and terrestrial samples <i>K. M. Szufa, T. Mróz, J. W. Mietelski , K. Sobiech-Matura, P. Gaca , M.A.Olech</i>
12:45 Id-8	Tiberiu Bogdan Sava, Romania Dating in Romanian archaeology: comparison between radiocarbon and dendrochronology methods spanning over the last 1000 years <i>T. Sava, I. Popa, G. Sava, A. Ion, M. Ilie, I. Stanciu , C. Simion, B. Ștefan, O. Gâza and D. Păceșilă</i>	12:45 Id-12	Filothei Pappa, Greece Chronological records of metal contamination at two mining areas using sediment profiles <i>F.K. Pappa, C. Tsabaris , D.L. Patiris, E.G. Androulakaki, A. Ioannidou, M. Kokkoris , R. Vlastou.</i>

13:00-14:00	Lunch
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14:00-15:00	Poster session 1& Coffee
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PARALLEL SESSION 2 15:00-17:00

SESSION 2A: ENVIROMENTAL PROCESSES Room: Glass A Chair: H.-C. Li, E. Steinnes	SESSION 2B: REFERENCE MATERIALS AND METODS Room: Amber Chair: V. Remeikis, P. Vojtyla
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15:00 Id-13	Wolfgango Plastino, Italy Uranium time series analysis: a new methodological approach for event screening categorization <i>S. Bianchi and W. Plastino</i>	15:00 Id-20	Juan-Pedro Bolivar, Spain Optimization and validation of the BCR sequential extraction procedure for natural radionuclides (U, Th, Po); application to phosphogypsum by-product <i>S. Pérez-Moreno, M.J. Gázquez, and J. P. Bolívar</i>
15:15 Id-14	Yihong Xu, China Behaviours of plutonium isotopes in natural soil particles with different size <i>Y.H. Xu, S.M. Pan and M.M. Wu</i>	15:15 Id-21	Yanqin Ji, China Preparation of strontium-90 pine needle reference material and the labs intercomparison radiochemical analysis <i>Y. Ji, F. Chen, X. Shao, L. Yin, X. Kong</i>
15:30 Id-15	Min Znao, China Sources and transformation of carbon in an epikarst spring-fed pond system in central Guizhou: $\Delta^{14}\text{C}$ and $\delta^{13}\text{C}$ indicators <i>M. Zhao, B. Chen, H.C. Li, Z. Liu, R. Yang</i>	15:30 Id-22	Jose A. Corcho Alvarado, Switzerland A procedure for the sequential determination of radionuclides: a case study in river sediments <i>H. Sahli, S. Röllin, B. Balsiger, M. Burger, V. Putyrskaya, E. Klemt and J.A. Corcho Alvarado</i>
15:45 Id-16	Marina Frontasyeva, Russia Atmospheric deposition of radionuclides – assessment based on passive moss biomonitoring <i>M. Frontasyeva, E. Steinnes</i>	15:45 Id-23	András Bednár, Hungary Determination of Sr-90 activity concentration and Strontium/Calcium ration in different matrices <i>A. Bednár, G. Bátor, E. Tóth-Bodrogi, T. Kovács</i>
16:00 Id-17	Almira Aidarkhanova, Kazakhstan Radionuclide transport in the "sediments – water – plants" system of the water objects of the Semipalatinsk test site <i>A.K. Aidarkhanova, S.N. Lukashenko, N.V. Larionova, V.V. Polevik</i>	16:00 Id-24	Marina Sáez-Muñoz, Spain Analysis of the evolution of gross alpha and beta activities in airborne samples in Valencia <i>M. Sáez-Muñoz, M.C. Bas, J. Ortiz and S. Martorell</i>
16:15 Id-18	Vivien Miller, USA Monte Carlo Markov Chain Simulation of the Cesium Dynamics in the Small Mesotrophic Reservoir Pond 4 <i>V.J. Miller, T.E. Johnson and J.E. Pinder II</i>	16:15 Id-25	Merja Lusa, Finland Se uptake and reduction in two boreal Pseudomonas sp. Strains <i>M. Lusa, J. Knuutinen, J. Lehto and M. Bomberg</i>

16:45 Id-19	Alexandra Ioannidou, Greece Time lag between the tropopause height and the levels of ⁷Be concentrations in surface air in mid and high latitudes <i>E. Ioannidou, A. – P. Leppänen, A. Vasileiadis, D. Melas and A. Ioannidou</i>		
17:00-18:00	Poster session 1 & coffee		

Tuesday 30, May 2017

08:30-11:00 PL2	PLENARY SESSION II Room: Glass A Chair: A. J. T. Jull, O. Masson		
08:30-09:00 Id-26	Michio Aoyama, Japan Radiocaesium in the North Pacific Ocean derived from atmospheric weapons tests and Fukushima accident: past and present <i>M. Aoyama</i>		
09:00-09:30 Id-27	Katsumi Hirose, Japan Atmosphere and marine impacts of the Fukushima Daiichi NPP accident: five years trends of Fukushima-derived radionuclides <i>K. Hirose</i>		
09:30-10:00 Id-28	Gi Hoon Hong, Korea Radiocaesium contamination in the North Pacific Ocean after 2011 Fukushima Nuclear accident <i>G.H. Hong, S.H. Kim and H. Lee</i>		
10:00-10:30 Id-29	Sang-Han Lee, Korea Characteristics of artificial radionuclides in the food stuffs in Korea <i>S.H. Lee, J.S. Oh, J.M. Lee, k. B. Lee, J.Y. Yun</i>		
10:30-11:00 Id-30	Georg Steinhauser, Germany Food Safety after the Fukushima Nuclear Accident <i>Georg Steinhauser</i>		
11:00-11:30	Coffee Break		

PARALLEL SESSION 3 11:30-13:00

SESSION 3A: FUKUSHIMA IMPACT Room: Glass A Chair: M. Aoyama, G. Hong		SESSION 3B: NORMS Room: Amber Chair: D. Degering, I. Krajcar-Bronić	
11:30 Id-31	Daisuke Tsumune, Japan Estimations of direct release rate of ¹³⁷Cs, ⁹⁰Sr and ³H from the Fukushima Dai-ichi Nuclear Power Plant for four-and-a-half years <i>D. Tsumune, M. Aoyama K. Hirose, T. Tsubono, K. Misumi and Y. Tateda</i>	11:30 Id-37	Christian Katzlberger, Austria Management of NORM legacy sites in Austria <i>C. Katzlberger, M. Dauke, F. Rechberger, E. Lindner</i>
11:45 Id-32	Jakub Kaizer, Slovakia Tritium and radiocarbon in western North Pacific waters: post-Fukushima situation <i>J. Kaizer, P.P. Povinec, M. Aoyama, Y. Kumamoto, M. Molnár and L. Palcsu</i>	11:45 Id-38	Fernando P. Carvalho, Portugal Environmental transfer of radionuclides from uranium mining and milling waste to biota and humans <i>F. P. Carvalho, J.M. Oliveira, M. Malta</i>

12:00 Id-33	Yutaka Tateda, Japan Reconstruction of temporal change of radiocesium level in bottom sediment off Fukushima for evaluating contribution to benthic food chain transfer <i>Y. Tateda, K. Misumi, D. Tsumune, M. Aoyama, Y. Hamajima, J. Kanda, T. Ishimaru, and T. Aono</i>	12:00 Id-39	Rafael Garcia-Tenorio, Spain Uranium concentrations in NORM efflorescences formed in a phosphogypsum legacy site determined by PIXE <i>M.C. Jimenez-Ramos, I. Ortega-Feliu, J.P. Bolivarand R. García-Tenorio</i>
12:15 Id-34	Mochamad Adhiraga Pratama, Japan Time-dependent behaviour analysis and identification of factors affecting radiocaesium transfer to separate sewers in Fukushima Prefecture <i>M.A. Pratama, S. Takahara, M. Munakataand, M. Yoneda</i>	12:15 Id-40	Geert Biermans, Belgium A survey of natural radioactivity in Belgian groundwater and its use in risk identification for water treatment and drinking water screening <i>G. Biermans, J. Claes, B. Dehandschutter, S. Pépin, L. Sombé and M. Sonck</i>
12:30 Id-35	Sarata Kumar Sahoo, Japan Measurement of ⁹⁰Sr activity in Fukushima soil samples affected by Nuclear Accident <i>S.K. Sahoo, N. Kavasi and T. Aono</i>	12:30 Id-41	Jelena Ajtić, Serbia REMdb as a framework for collaborations in environmental radioactivity research <i>M. A. Hernández-Ceballos, E. Brattich, J. Ajtić, G. Cinelli, V. Djurdjevic, D. Sarvan, T. Tollefsen</i>
12:45 Id-36	Yasushi Kino, Japan Time course change of radiocesium concentration in wild mushrooms collected in Miyagi prefecture, Japan from 2011 to 2014 <i>A. Irisawa and Y. Kino</i>	12:45 Id-42	Pawel Jodlowski, Poland Radioactivity in the gas pipeline network in Poland <i>J. Nowak, P. Jodłowski, J. Macuda, C. Nguyen Dinh and K. Liszka</i>

13:00-14:00	Lunch
14:00-15:00	Poster session 2& Coffee

PARALLEL SESSION 4 15:00-16:30

SESSION 4A: FUKUSHIMA AND CHERNOBYL IMPACTS Room: Glass A Chair: M. Frontasyeva, M.J. Oinonen		SESSION 4B: RADON Room: Amber Chair: R. Garcia-Tenorio, J. Mažeika	
15:00 Id-43	Takuro Shinano, Japan Secondary contamination of radioactive cesium to the plant in coastal area of Fukushima in 2013 and aftermath <i>T. Shinano, H. Matunami, M. Sato, T. Saito, S. Fujimura, T. Ota, T. Eguchi, S. Horii and T. Murakami</i>	15:00 Id-49	Véronique De Heyn, Belgium Indoor Radon in Ardenne: A multivariate analysis <i>V. De Heyn, C. Licour, F. Tondeur, I. Gerardy, B. Dehandschutter, G. Ciotoli, G. Cinelli</i>
15:15 Id-44	Kazuma Koarai, Japan Assessment of ⁹⁰Sr pollution from the Fukushima-Daiichi Nuclear Power Plant accident by measurement of cattle teeth <i>K. Koarai, Y. Kino, A. Takahashi, T. Suzuki, Y. Shimizu, M. Chiba, K. Osaka, K. Sasaki, Y. Urushihara, T. Fukuda, E. Isogai, H. Yamashiro, T. Oka, T. Sekine, M. Fukumoto, H. Shinoda</i>	15:15 Id-50	Qiuju Guo, China Study on continuous radon measurement on based of Si-PIN detector <i>L. Zhang, Q. Guo and Y. Wang</i>
15:30 Id-45	Azusa Ishizaki, Japan Estimation of dose reduction factor before and after decontamination <i>A. Ishizaki, A. Mori, K. Kawase, M. Kato, M. Watanabe, I. Aoki and M. Munakata</i>	15:30 Id-51	Jesús García-Rubiano, Spain Radiological characterization of volcanic rocks from eastern Canary Islands <i>J.G. Rubiano, H. Alonso, J.G. Guerra, M.A. Arnedo, A. Tejera, P. Martel</i>
15:45 Id-46	Alexandra Ioannidou, Greece ¹³⁷Cs in surface soil samples in Northern Greece, 30 years after the Chernobyl accident <i>A. Ioannidou, S. Stoulos, C. Betsou, E. Ioannidou, J. Hansman, M. Krmar, N. Kazakis, E. Tsakiri</i>	15:45 Id-52	Vitaliy Romanenko, Kazakhstan Characterisation of Radon Concentrations in the area of Kalachi village (North Kazakhstan) <i>V.V. Romanenko, S.N. Lukashenko and Y.V. Garbuz</i>
16:00 Id-47	Daniel Heine, Germany Migration of Radionuclides in soil samples from Pripyat <i>C. Walther, S. Bister, P. Brozynski, D. Heine</i>	16:00 Id-53	Giancarlo Ciotoli, Italy Geogenic radon as geophysical/Geochemical tracer of active faults <i>G. Ciotoli, A.J.S.C. Pereira, P. Bossew, L. Ruggiero</i>

16:15 Id-48	Natalia Kuzmenkova, Russia Root uptake and translocation of ¹³⁷Cs by cultural and wild cereals, model pot experiment <i>M.M. Godyaeva, N.V. Kuzmenkova and T.A. Paramonova</i>		
16:30-18:00	Poster session 2 & coffee		

Wednesday 31, May 2017

08:30-11:00 PL3	PLENARY SESSION III Room: Glass A Chair: K. Hirose, F. Terrasi		
08:30-09:00 Id-54	Peter Bossew, Germany Radon research as a discipline of radioecology – an overview <i>P. Bossew</i>		
09:00-09:30 Id-55	Ines Krajcar Bronić, Croatia Environmental ¹⁴C and ³H levels in Croatia <i>I. Krajcar Bronić</i>		
09:30-10:00 Id-56	Mihály Molnár, Hungary Enhanced atmospheric C-14 monitoring around the Paks NPP of Hungary <i>M. Molnár, I. Major, T. Varga, G. Orsovski, M. Veres, T. Bujtás, L. Manga</i>		
10:00-10:30 Id-57	Eiliv Steinnes, Norway Influence of precipitation chemistry on the mobility of radionuclides in boreal forest ecosystems <i>Eiliv Steinnes</i>		
10:30-11:00 Id-58	Mats Eriksson, Sweden On the radionuclide distribution in selected sediment cores from the Baltic Sea <i>M. Eriksson, G. Olszewski, P. Lindahl, P. Andersson, E. Chamizo, R. García-Tenorio</i>		
11:00-11:30	Coffee Break		

PARALLEL SESSION 5 11:30-13:00

SESSION 5A: ATMOSPHERE Room: Glass A Chair: T. Kovács, J.W. Mietelski		SESSION 5B: NATURAL RADIONUCLIDES Room: Amber Chair: L. Benedik, F.P. Carvalho	
11:30 Id-59	Olivier Masson, France Deposition of radionuclides by fog droplets on plants <i>O. Masson, J. Tav, F. Burnet, P. Paulat, A. De Vismes</i>	11:30 Id-64	Detlev Degering, Germany Radium isotopes in saline deepwaters as tracers of the source aquifer <i>D. Degering, N. Dietrich, F. Krüger.</i>
11:45 Id-60	Wolfgang Plastino, Italy Beryllium and Xenon time series analysis: a new methodological approach for Atmospheric Transport Modelling at small, synoptic and global scales <i>S. Bianchi, A. Longo and W. Plastino</i>	11:45 Id-65	Danyl Perez-Sanchez, Spain Modelling the seasonal dynamics and influence in the transport of 238U-series radionuclides in soil to plant system <i>D. Pérez-Sánchez, M.C. Thorne and R. Klos</i>
12:00 Id-61	Antonio Baeza, Spain Time evolution of atmospheric tritium concentration in two locations affected by different source terms: cosmogenic and cosmogenic plus anthropogenic <i>A. Baeza, A. Rodríguez-Perulero, J. Guillén and E. García-Delgado</i>	12:00 Id-66	Rafael García-Tenorio, Spain Radiological evaluation associated to the mining and concentration of monazite in Central Spain <i>R. García-Tenorio, G. Manjón, I. Diaz, I. Vioque, J. Galván and J. Mantero</i>

12:15 Id-62	Angel, VIIBautista, Japan / Philippines High resolution Iodine-129 and tritium bomb peak records in an ice core from SE-dome site, Greenland <i>A.T. Bautista VII, Y. Miyake, H. Matsuzaki, Y. Iizuka, K. Horiuchi</i>	12:15 Id-67	Jesús García-Rubiano, Spain Gross alpha and radon: hidrogeochemical and radiological risk tracer in groundwater in Gran Canaria Island <i>A. Tejera, H. Alonso, T. Cruz-Fuente, J. González-Guerra, A. Rodríguez-González, M.A. Arnedo, JG. Rubiano, M.C. Cabrera, F.J. Pérez-Torrado, P. Martel</i>
12:30 Id-63	Jelena Ajtic, Serbia Analysis of beryllium-7 variability in northern Europe <i>J. Ajtić, V. Djurdjevic, D. Sarvan, E. Brattich, M. A. Hernández-Ceballos</i>	12:30 Id-68	Alexander Dario Esquivel López, República de Panamá Annual cycle of ⁷Be in soil in a micro-watershed of Mato Frio River, (Brazil) <i>A.D. Esquivel L., R.M. Moreira, J. Juri Ayub and D.L. Valladares</i>
13:00-14:00	Lunch		
14:00-15:15	PRESENTATIONS OF COMPANIES Room: Glass A Chair: L. Kaihola		
14:00	Andrej Kováčik, Microstep-MIS, spol. s r.o., Slovakia Integrated Environmental Monitoring System		
14:15	Francesco Vicinanza, MEATECS, Singapur State of the Art Design and Implementation of Environmental Radiation Monitoring Networks		
14:30	Aude Bombard, TrisKem International, France New Developments in TrisKem		
14:45	Alan De Raedemaekere, InBio/PerkinElmer New developments in the field of Liquid Scintillation Spectrometry for low level radio-analytical detection and environmental radioactivity screening		
15:00	Mangirdas Zavackas, Baltic Scientific Instruments Baltic Scientific Instruments product range Introduction		
15:30-20:00	Trip with a Simple Dinner		

Thursday 01, June 2017

08:30-11:00 PL4	PLENARY SESSION IV Room: Glass A Chair: C. Katzberger, W. Plastino		
08:30-09:00 Id-69	Massimiliano Clemenza, Italy Low background neutron activation analysis: an high sensitivity methods for long-lived radionuclides <i>M. Clemenza</i>		
09:00-09:30 Id-70	Amares Chatt, Canada Separation of thorium and uranium using TEVA and TRU resins in tandem and quantification of uncertainty of their measurements using neutron activation <i>S. Hevia and A. Chatt</i>		
09:30-10:00 Id-71	Ljudmila Benedik, Slovenia Neutron activation analysis and alpha-particle spectrometry in environmental research <i>L. Benedik</i>		
10:00-10:30 Id-72	Mikael Hult, Belgium		

	Radioactivity measurements in the underground laboratory HADES <i>M. Hult</i>
10:30-11:00 Id-73	Yasunori Hamajima, Japan Low-Level Gamma-ray Counting in Ogoya Underground Laboratory <i>Y. Hamajima</i>
11:00-11:30	Coffee Break

PARALLEL SESSION 6 11:30-13:00

SESSION 6A: MONTE CARLO DETECTION MODELING Room: Glass A Chair: C. Katzlberger, Y. Hamajima		SESSION 6B: IMPACTS OF NUCLEAR INSTALLATIONS Room: Amber Chair: M. Molnár, I. Svetlik	
11:30 Id-75	Miloslava Bagínová, Switzerland Investigation of neutron-induced background in HPGe detectors – first phase <i>M. Bagínová , P. Vojtyla and P. Povinec</i>	11:30 Id-80	Róbert Janovics, Hungary Inorganic and total ¹⁴C in the vicinity of a Hungarian LILW <i>R. Janovics, A. Molnár, T. Varga, M. Braun, I. Tóth, M. Molnár</i>
11:45 Id-76	Robert Breier, Slovakia Background of a HPGe detector in the Modane underground laboratory: Monte Carlo simulations <i>R. Breier, P. Loaiza, F. Piquemal, P.P. Povinec</i>	11:45 Id-81	Ivan Kontuľ, Slovakia Radiocarbon record in modern tree rings from Slovakia <i>I. Kontuľ, M. Ješkovský, J. Kaizer, P. P. Povinec, M. Richtáriková, I. Svetlik, A. Šivo</i>
12:00 Id-77	Jonay González Guerra, Spain Comparison of experimental vs Monte Carlo efficiency calibrations of an HPGe spectrometer <i>J.G. Guerra, J.G. Rubiano, G. Winter, A.G. Guerra , H. Alonso, M.A. Arnedo, A. Tejera, P. Martel, J.P. Bolivar</i>	12:00 Id-82	Gordana Pantelic, Serbia Intercomparison of radionuclide measurements in Danube sediment <i>G. Pantelić, P. Vančura, Z. Ulrich, E. Weiszenburger, D. Todorović, J. Krneta Nikolić, M. Janković , M.Rajačić , N. Sarap</i>
12:15 Id-78	José Ordóñez Ródenas, Spain Efficiency calibration of an HPGe detector for environmental radioactivity measurements. Influence of the geometric characterization using Monte Carlo methods. <i>J. Ordóñez, S. Gallardo, J. Ortiz, S. Martorell</i>	12:15 Id-83	Natalia Kuzmenkova, Russia Radionuclides migration pathways in the artificial reservoirs <i>N.V. Kuzmenkova , I.E. Vlasova , A.K. Rozhkova , E.A. Pryakhin , S.N. Kalmykov</i>
12:30 Id-79	Elena Di Stefano, Italy Liquid Scintillation Counting and Gamma Ray Spectroscopy for Ice Core Dating <i>E. Di Stefano, M. Clemenza , V. Maggi , B. Delmonte, G. Baccolo</i>	12:30 Id-84	Denis Turchenko, Kazakhstan Tritium content insnowcover of nuclear explosion venues <i>D. V. Turchenko, S.N. Lukashenko, O.N. Lyakhova</i>
12:45 Id-79		12:15 Id-85	Jixin Qiao, Denmark Environmental radioactivity and tracer studies over the past sixty years in Denmark Jixin Qiao

13:00-14:00	Lunch
14:00-15:00	Poster session 3& Coffee

PARALLEL SESSION 7 15:00-17:00

SESSION 7A: SEDIMENTS AND SOILS Room: Glass A Chair: S. Jerome, S. Pan		SESSION 7B: RADIONUCLIDES IN BIOTA Room: Amber Chair: P. Bossew, Y. Tateda	
15:00 Id-86	Olga Jefanova, Lithuania Cs-137 and K-40 distribution in the Neris River basin, Lithuania	15:00 Id-92	Ján Mihalík, Portugal The role of humic acids in ¹³⁷Cs mobility <i>J. Mihalík, J.A. Corisco and M.J. Madruga</i>

	<i>O. Jefanova, E.D. Marčiulionienė, B. Vilimaitė Šilobritienė, J. Mažeika</i>		
15:15 Id-87	Hong-Chun Li, Taiwan Variations of Δ 14CTOC and Acid-leachable elemental content in a 50-cm sediment core reflecting environmental changes over 200 years in Santa Barbara Basin, CA <i>H.-C. Li, Y.-W. Zhang and W.M. Berelson</i>	15:15 Id-93	Astrid Barkleit, Germany Speciation of trivalent actinides and lanthanides in digestive media <i>A. Barkleit and C. Wilke</i>
15:30 Id-88	Andra-Rada Iurian, United Kingdom Application of 210Pb and 137Cs for the study of marsh accretion and sediment accumulation. Examples of salt marshes from SW England <i>A.R. Iurian, G. Millward, A. Taylor, W. Marshall, W. Blake</i>	15:30 Id-94	Tatiana Ries, Germany Accumulation of ^{137}Cs by fish and aquatic plants in a small eutrophic lake <i>T. Ries, V. Putyrskaya, E. Klemt</i>
15:45 Id-89	Alua Kabdyrakova, Kazakhstan Distribution of radionuclides in granulometric fractions of soil in venues of underground nuclear tests in tunnels <i>A.M. Kabdyrakova, A.T. Mendubaev and S.N. Lukashenko</i>	15:45 Id-95	Chrysoula Betsou, Greece Natural and artificial radionuclides in moss samples from the region of Northern Greece <i>Ch. Betsou, E. Tsakiri, J. Hansman, M. Krmar, A. Ioannidou B.</i>
16:00 Id-90	Robert-Csaba Begy, Romania Investigation of sedimentation rates and sediment dynamics in Danube Delta lake system (Romania) by ^{210}Pb dating method <i>R-Cs. Begy, Sz. Kelemen, L. Preoteasa, H. Simon</i>	16:00 Id-96	Önder Kılıç, Turkey ^{210}Po and ^{210}Pb in various fish species from Gökçeada island, Northern Aegean Sea and contribution of 210Po to radiation dose <i>Ö. Kılıç, M. Belivermiş, O. Gönülal, and N. Sezer</i>
16:15 Id-91	Erol Sari, Turkey Sedimentation rate and heavy metal pollution in core sediments from south western Black Sea derived from ^{210}Pb and ^{137}Cs chronology <i>E. Sari, M. Belivermiş, Ö. Kılıç, T. N. Arslan, N. Sezer, N. Çağatay, D. Acar, A. Tutay and M. A. Kurt</i>	16:15 Id-97	Murat Belivermiş, Turkey Impacts of ocean acidification on ^{57}Co and ^{134}Cs bioconcentration in manila clam <i>Ruditapes philippinarum</i> <i>O. Kocaoğlan, N. Sezer, Ö. Kılıç and M. Belivermiş</i>
17:00-18:00	Poster session 3 & coffee		
19:00	GALA DINNER		

Friday 02, June 2017

08:30-9:30 PL5	PLENARY SESSION V Room: Glass A Chair: A. Chatt, M. Hult		
08:30-09:00 Id-98	Stepan N. Kalmykov, Russia Plutonium environmental chemistry - from molecular to landscape level <i>Stepan N. Kalmykov, Anna Yu. Romanchuk</i>		
09:00-09:30 Id-99	Irka Hajdas, Switzerland Bomb peak' radiocarbon a tracer and dating tool—an overview <i>I. Hajdas</i>		
09:30-10:00 Id-100	Simon Jerome, United Kingdom Findings from NPL low-level proficiency testing <i>S. Jerome</i>		
10:00-11:15 PL6	PLENARY SESSION VI Radioecology Room: Glass A Chair: I. Hajdas, G. Steinhauser		
10:00-10:15 Id-101	Peter Bossew, Germany Long-term variation of cosmic dose rate <i>G. Ginelli, P. Bossew, M.A. Hernández-Ceballos, T. Tollefsen and M. De Cort</i>		

10:15-10:30 Id-103	Robert Froeschl, Switzerland Environmental impact of the CHARM facility at the CERN East Experimental Area due to stray radiation and releases of airborne radioactivity <i>R. Froeschl, P. Vojtyla and F. Malacrida</i>
10:30-10:45 Id-104	Daniela Ene, Sweden Environmental impact assessment of the European Spallation Source facility <i>D. Ene, R. Avila, T. Hjerpe, B. Jaeschke and K. Stenberg</i>
10:45-11:00 Id-105	Nele Horemans, Belgium Do changes in whole genome methylation play a role in adaptations of plants to chronic radiation exposure in nuclear accidental affected areas? <i>N. Horemans, J. Van de Walle, E. Saenen, M. Van Hees, R. Nauts</i>
11:00-11:30 PL7 Id-106	PLENARY SESSION VII Closing lecture Room: Glass A Chair: G. Lujanienė, P.P.Povinec François Brechignac, Radioecology supports out future by preserving ecosystem health <i>F. Brechignac</i>
11:30-12:00	Closing Ceremony (Student award for best oral and poster presentations)

POSTER SESSION I

PS1-1	Natalia Alegria, Spain Benchmarking of Monte Carlo simulations for a Cerium Bromide (CeBr3) detector <i>F. Legarda, and N. Alegria</i>
PS1-2	Asta Orentienė, Lithuania Vertical distribution of Cs-137 in soil profiles in Lithuania <i>A. Orentienė, L. Pilkytė, R. Kievinas, A. Bogdanovič</i>
PS1-3	Tatsuo Aono, Japan The activities of radiocaesium in marine fishes around off Fukushima in Japan <i>T. Aono, M. Fukuda, S. Yamazaki, M. Akashi, T. Sohtome, T. Mizuno, M. Yamada, A. Yamanobe</i>
PS1-4	Angel, VII Bautista, Philipines Comparison of coral 129I and 14C as proxy for human nuclear activities, age marker, and oceanographic tracer <i>A.T. Bautista VII, H. Matsuzaki, Y.S. Tshuciya, and F.P. Siringan</i>
PS1-5	Fernando P.Carvalho, Portugal Distribution of radionuclides in coastal mussels of the coast of Portugal, Northeast Atlantic <i>F. P. Carvalho, J.M. Oliveira, M. Malta</i>
PS1-6	Chu-Ting Yang, China Separation and Analysis of Uranium in the SRM IAEA-384 and 385 <i>Jun Han1, Sheng Hu1 and Chu-Ting Yang</i>
PS1-7	Detlev Degering, Germany Simulation of the time evolution of radioactive disequilibria in IAEA reference materials IAEA-410 and -412 <i>Detlev Degering, Diana Walther</i>
PS1-8	Jeong-Hee Han, Republic of Korea Absorption measurements to design small radiation irradiator <i>Jeong Hee Han</i>
PS1-9	Olga Jefanova, Lithuania Tritium in surface waters of Baltic, North and Norwegian Seas in 2016 <i>O. Jefanova, J. Mažeika, R. Petrošius, R. Paškauskas</i>

PS1-10	Miroslav Jeskovsky, Slovakia Sample preparation and AMS analysis of hydrogen isotopes at CENTA laboratory <i>J. Páňík, M. Ješkovecký, J. Kaizer, I. Kontuľ, P.P. Povinec</i>
PS1-11	Miroslav Jeskovsky, Slovakia Anthropogenic ¹³⁷Cs on atmospheric aerosols in Bratislava and around Jaslovské Bohunice NPP, Slovakia <i>M. Ješkovecký, M. Lištjak, I. Sýkora, O. Slávik and P. P. Povinec</i>
PS1-12	Jakub Kaizer, Slovakia Sequential scavenging of radiocesium and plutonium from seawater and their determination by γ-spectrometry and AMS <i>J. Kaizer, M. Aoyama, J. Páňík, P.P. Povinec, I. Sýkora, Y. Tateda, F. Terrasi</i>
PS1-13	Jakub Kaizer, Slovakia Development of mass spectrometry methods for determination of uranium and thorium in the ⁸²Se source of the SuperNEMO experiment <i>J. Kaizer, S. Dulanská, M. Bujdoš, P.P. Povinec and O. Kochetov</i>
PS1-14	Yohan Kim, Republic of Korea Adsorptive removal of strontium-90 onto ordered granular mesoporous carbon <i>Yohan Kim, Jung-Hyup Lee, Sangmyeon Ahn, Heechul Choi and Jinyong Park</i>
PS1-15	Jenna Knuutinen, Finland Uptake of neptunium and technetium by bacteria isolated from a nutrient-poor boreal bog <i>J. Knuutinen, M. Bomberg, J. Lehto and M. Lusa</i>
PS1-16	Ivan Kontuľ, Slovakia Radiocarbon in wines: a useful tracer for studying environmental processes and wine dating <i>P. P. Povinec, I. Kontuľ, J. Kaizer, A. Šivo, M. Richtáriková</i>
PS1-17	Ieva Kulakauskaitė, Lithuania Dependences of heavy metals sorption on nano-magnetic sorbents <i>I. Kulakauskaitė, G. Lujanienė, D. Valiulis</i>
PS1-18	Hyunmi Lee, Republic of Korea Accumulation of ²³⁹⁺²⁴⁰Pu and ²¹⁰Po in the marine biota living in the seas around Korean Peninsula <i>S.H. Kim, H. Lee, B.E. Cho and G.H. Hong</i>
PS1-19	Agnė Leščinskytė, Lithuania Application of Prussian blue based nano-composites for radiocesium pre-concentration from seawater <i>A. Leščinskytė, G. Lujanienė, S. Šemčiuk, K. Mažeika, R. Juškėnas,</i>
PS1-20	Patric Lindahl, Sweden Activity profiles of ²²⁶Ra and ²²⁸Ra in the euphotic zone of southwestern East/Japan Sea <i>P. Lindahl, M. Eriksson, Suk Hyun Kim and Gi Hoon Hong</i>
PS1-21	Galina Lujanienė, Lithuania Assessment of a potential risk to biota due to long-lived radionuclides in the Baltic Sea <i>G. Lujanienė, B. Šilobritienė, D. Tracevičienė, S. Šemčiuk, N. Remeikaitė-Nikienė, G. Garnaga, V. Malejevas, P.P. Povinec, A. Stankevičius</i>
PS1-22	Shaoming Pan, China Distribution and source identification of the radionuclide ¹³⁷Cs and ²³⁹⁺²⁴⁰Pu in the sediments of the Liao River estuary <i>S.M. Pan, K.X. Zhang, Z.Y. Liu, Y.H. Xu</i>
PS1-23	Pavel P. Povinec, Slovakia Atmospheric ¹³CO₂ and ¹⁴CO₂ concentrations in different localities of Slovakia <i>A. Šivo, K. Holý, P. P. Povinec, M. Richtáriková, J. Šimon, M. Müllerová</i>
PS1-24	Carlo Sabbarese, Italy Actinides measurements on environmental and structural samples of the Garigliano Nuclear Power Plant (Italy) during the decommissioning phase <i>A. Petraglia, C. Sirignano, R. Buompane, F. Terrasi, A. D'Onofrio, C. Sabbarese, A. M. Esposito</i>
PS1-25	Djibo Seydou, Republic of Niger Radiological Monitoring of the Environment around Niger Uranium Mine Sites of Arlit <i>D. Seydou, M. M. B. Babale, Fe. P. Carvalho, J. M. Oliveira, M. Malta</i>
PS1-26	Dagmara Strumińska-Parulska, Poland

	<p>Is ecological food radioecological as well – 210Po and 210Pb studies <i>D.I. Strumińska-Parulska</i></p>
PS1-27	<p>Ivo Svetlik, Czech Republic Determination of 14C forms in liquid releases from nuclear power plants: the first results <i>I. Svetlik, M. Fejgl, P.P. Povinec, T. Kořínková, L. Tomášková</i></p>
PS1-28	<p>Katarzyna Szufa, Poland Lichens and mosses as primary reference organisms of Antarctic terrestrial environment – dosimetric considerations. <i>K.M. Szufa, J.W. Mietelski and A.M. Olech, Kamil Brudecki</i></p>
PS1-29	<p>Jelena Ajtic, Slovenia Beryllium-7 correlations in total deposition (dry and wet) measured in Serbia and Slovenia <i>M. Rajačić, D. Sarvan, D. Todorović, J. Ajtić, N. Krneta Nikolić, B. Zorko, B. Vodenik, D. Glavič Cindro, J. Kožar Logar</i></p>
PS1-30	<p>Bu Wenting, China Determination of 135Cs and 137Cs in environmental samples by mass spectrometry: Current states and future perspectives <i>W.T. Bu, J. Zheng and S. Hu</i></p>
PS1-31	<p>Masatoshi Yamada, Japan Particle scavenging of 239+240Pu and 230Th in the western equatorial Pacific Ocean <i>M. Yamada and J. Zheng</i></p>
PS1-32	<p>Yoon Yeol Yoon, Korea Natural Isotopes as Tracers for the Monitoring of Artificial Groundwater Recharge System <i>Yoon Yeol Yoon, Yong Cheol Kim, Kil Yong Lee, Soo Young Cho</i></p>
PS1-33	<p>Jakub Zeman, Slovakia Development of nuclear microscopy techniques for mapping concentrations of radioactive and stable elements in environmental samples <i>J. Zeman, M. Ješkovský, J. Kaizer, P.P. Povinec, D. Ozdín</i></p>
PS1-34	<p>Zita Žukauskaitė, Lithuania Possible influence of climate warming on lake water radioactive pollution <i>Z. Žukauskaitė, B. Lukšienė, N. Tarasiuk, D. Jasinevičienė, A. Puzas</i></p>
PS1-35	<p>Francesco Cardellini, Italy Radon in Water: Italian Standard Generator and comparison of different measurement methods. <i>M. Capogni, F. Cardellini, P. De Felice, E. Chiaberto, F. Berlier, M. Faure Ragani</i></p>
PS1-36	<p>Alicja Boryło, Poland Honey as bioindicators of pollution of the environment in Poland <i>A. Boryło, G. Romańczyk, B. Skwarzec</i></p>
PS1-37	<p>Alicja Boryło, Poland Lichens as bioindicators of environmental pollution in Poland <i>A. Boryło, G. Romańczyk, B. Skwarzec</i></p>
PS1-38	<p>Alyona Yankauskas, Kazakhstan Tritium effect on the anatomical structure of the common reed (Phragmites australis) <i>A.B. Yankauskas, N.V. Larionova, A.N. Shatrov</i></p>
PS1-39	<p>Pavel P. Povinec, Slovakia Anthropogenic radionuclide variations in the European atmosphere <i>P.P. Povinec, J. Bartok, I. Bartoková, M. Ješkovský, A. Kováčik, G. Lujanienė, J.W. Mietelski, M.K. Pham, W. Plastino, I. Sýkora</i></p>
PS1-40	<p>Paweł Krajewski, Poland Challenges in assessments of radiological impacts <i>P. M. Krajewski and G. T. Krajewska</i></p>

POSTER SESSION II

PS2-1	<p>Eleftheria Ioannidou, Greece Heavy metals and 210Pb in Finland for the years 2000 – 2005</p>
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	<i>E. Ioannidou , M. Manousakas K. Eleftheriadis , J. Paatero , A. Ioannidou</i>
PS2-2	Pavol Blahušiak, Slovakia Development of a 222Rn in air secondary standard <i>M. Krivošík, P. Blahušiak, J. Ometáková, M. Chytil, A. Javorník, M. Zálešáková</i>
PS2-3	José Luis Guerrero, Spain Behavior of natural radionuclides during a hydrological year in an estuary affected by acid mine drainage and industrial effluents in Southwest of Spain <i>J.L. Guerrero, A. Hierro , M. Ollas , J.P. Bolívar</i>
PS2-4	Juan Pedro Bolívar, Spain Outdoor 222Rn concentrations in a city located nearby a large phosphogypsum repository <i>I. Gutiérrez-Álvarez , J.E. Martín , C. Grossi, A. Vargas, J.P. Bolívar</i>
PS2-5	Robert Breier, Slovakia Monte Carlo simulation gamma spectrometry of radon in air <i>R. Breier, P.P. Povinec, M. Krivošík, P. Blahušiak, J. Ometáková , A. Javorník</i>
PS2-6	Steigvilė Byčenkienė, Lithuania Temporal changes of 7Be, 137Cs, 241Am and Pu isotopes activity concentrations in surface air at Lithuania <i>S. Byčenkienė, G. Lujanienė, B. Šilobritienė, P.P. Povinec</i>
PS2-7	Fernando P. Carvalho, Portugal Radioactive elements and stable metals in uranium mine drainage <i>F. P. Carvalho, J.M. Oliveira, M. Malta, M. Santos</i>
PS2-8	Tugulan Cornel-Liviu, Romania Radon Concentration estimation for the working area within the Radioactive Waste Treatment Station from Bucharest, Romania <i>L.C. Tugulan, A. Chiroasca, D. Vlaicu, C. Ciobanu, F. Dragolici and G. Chiroasca</i>
PS2-9	Tugulan Cornel-Liviu, Romania The contribution of the natural radionuclides to the radiological hazard at the National Radioactive Waste Repository Baita Bihor, Romania <i>L. C. Tugulan, C. Ricman, F. N. Dragolici, O. G. Dului</i>
PS2-10	Tugulan Cornel-Liviu, Romania Environmental dose assessment for the radionuclides embedded in building materials used in residential buildings <i>L.C. Tugulan, A. Chiroasca, A. F. Miclaus, F. Dragolici, D. Vlaicu and G. Chiroasca</i>
PS2-11	Georgios Eleftheriou, Greece Use of gamma spectrometry for detection of 222Rn pre-earthquake anomalies <i>G. Eleftheriou, V.K. Karastathis, K. Tsinganos, M. Kafatos, T. Aspiotis, D. Ouzounov and G. Tselentis</i>
PS2-12	Rafael Garcia-Tenorio, Spain 210Po determination in sandy soils by alpha-particle spectrometry <i>C. Bañobre, I. Diaz-Francés, A. Noguera, H. Bentos Pereira, L. Fornaro, G. Manjón and R. García-Tenorio</i>
PS2-13	Dmitri Gudkov, Ukraine Dynamics of radionuclide concentration in components of the Chernobyl NPP cooling pond ecosystem during drawdown of water level <i>D.I. Gudkov, S.I. Kireev, A.Ye. Kaglyan, S.M. Obrizan, A.B. Nazarov and V.V. Belyaev</i>
PS2-14	Qiuju Guo Guo, China Study on the correlation of the variation of ydose rate and radon progeny in the atmosphere <i>Lei Zhang , Qiuju Guo and Yunxiang Wang</i>
PS2-15	Shin-Nosuke Hashida, Japan The fate of contaminated radiocesium in forest litter during fungal lignin degradation as the late stage of decomposition process <i>S.N. Hashida and T. Yoshihara</i>
PS2-16	Miguel Angel Hernandez-Ceballos, Italy Elaboration and use of heat maps to assess of nuclear risk <i>M.A. Hernández-Ceballos , L. De Felice</i>
PS2-17	Sy Minh Tuan Hoang, Korea Experimental Measurement and Indirect Assessment Methods to Determine the Natural

	Background Gamma Radiation Dose Rate in Urban Region <i>S.M.T Hoang, D.K. Tran, Y. Truong, and N.S. Le</i>
PS2-18	Karol Holý, Slovakia On the relation between outdoor ²²²Rn and atmospheric stability determined using a modified Turner method <i>M. Bulko, K. Holý, M. Müllerová</i>
PS2-19	Alexandra Ioannidou, Greece Hot particles in air filters collected in Finland immediately after the Chernobyl accident <i>J. Paatero, F. Groppi, A. Ioannidou</i>
PS2-20	Peter Ivanov, United Kingdom Development of a rapid radioanalytical method for quantification of low levels of Ra-226 in aqueous samples by radiochemistry separation followed by α-spectrometry <i>E. M. van Es, B. Russell, D. Read, P. Ivanov</i>
PS2-21	Dainius Jasaitis, Lithuania Assessment of natural radiation exposure caused by the ²²²Rn progeny gamma radiation in underground parking places in Vilnius <i>D. Jasaitis, M. Pečiulienė, A. Girgždys and R. Girgždienė</i>
PS2-22	Mohammad Reza Kardan, Iran Assessment of External Exposure to the Public from Natural Radionuclides in Soil in Iran <i>M. R. Kardan, N. Fathabadi, A. Attarilar, N. Rastkhah</i>
PS2-23	Kil Yong Lee, Korea Transitions of radon from groundwater to indoor air; Shower stall model <i>K.Y. Lee, K.S. Ko, S.Y. Cho, D.H. Kim, Y.Y. Yoon, D.H. Koh, K. Ha</i>
PS2-24	Leanid Maskalchuk, Belarus Radioactive contamination of soils of Japan and problems of their rehabilitation <i>L.N. Maskalchuk</i>
PS2-25	Hitoshi Mimura, Japan Multi-Nuclide Adsorption Properties of Granulated Composite Zeolites for Fukushima Advanced Decontamination <i>H. Mimura, M. Matsukura, F. Kurosaki, T. Kitagawa</i>
PS2-26	Mohamed Nadri, Algeria Activity Concentration of ²¹⁰Pb, ⁴⁰K, ²³⁷Cs in surface soil samples from Southern Algeria <i>M. Nadri, C. Khiari, A. Ioannidou</i>
PS2-27	Naoto Nihei, Japan Secondary contamination of agricultural products by resuspension of radiocesium <i>N. Nihei, Y. Ohmae, K.Tanoi, H. Mukai, T. Kogure and T.M. Nakanishi</i>
PS2-28	Deivis Plaušinitis, Lithuania Monitoring the concentration of actinides and lanthanides in the Chernobyl exclusion zone <i>D. Plausinitis, A. Budreika, A. Karaliunas, Y. Balashevskaya, L. Bogdan</i>
PS2-29	Pavel P. Povinec, Slovakia Radionuclides in tree rings from the Fukushima region <i>P.P. Povinec, M. Jeřkovský, J. Kaizer, I. Kontuř, I. Šýkora, A. Šivo, X. Hou, M. Laubenstein, L. Steinnes, I. Svetlik, S. Xu</i>
PS2-30	Andrius Puzas, Lithuania Radioactive Contamination Source Determination by ¹³⁷Cs, ¹²⁹I and Pu Isotopic Ratios and its Emission Fallout Inhomogeneity Assessment <i>A. Puzas, M. Konstantinova, A. Gudelis, Ž. Ežerinskis, X. Hou, R. Gvozdaitė, J. Šapolaitė, R. Druteikienė, E. Lagzdina, D. Lingis, V. Juzikienė, V. Remeikis</i>
PS2-31	Barbara Rubel, Poland Assessment of radioactive contamination of surface water and sediments in Poland in 2016 <i>M. Kardaś, A. Fulara, B. Rubel, M. Suplińska, E. Starościk, K. Pachocki</i>
PS2-32	Paulo Sergio Cardoso Silva, Brazil Cs-137 levels in Peruíbe Black Mud: a Medicinal Clay Paulo Sergio Cardoso da Silva, Renato Semmler, Guilherme Soares Zahn, Paulo Flávio de Macedo Gouveia
PS2-33	Ewa Starościk, Poland

	Determination of activity concentration of ²³⁴U, ²³⁸U, ²¹⁰Po, ²¹⁰Pb, ⁹⁰Sr, ¹³⁴Cs and ¹³⁷Cs in the water from wells Oligocene in Warsaw <i>E. Starościak, M. Kardaś</i>
PS2-34	Dagmara Strumińska-Parulska, Poland Polonium ²¹⁰Po, radiolead ²¹⁰Pb and uranium ²³⁴U, ²³⁸U in mushrooms from Northern Poland <i>D.I. Strumińska-Parulska, K. Szymańska, B. Skwarzec and J. Falandysz</i>
PS2-35	Dagmara Strumińska-Parulska, Poland Calcium and magnesium supplements as a source of polonium ²¹⁰Po and radiolead ²¹⁰Pb <i>D.I. Strumińska-Parulska and B. Skwarzec</i>
PS2-36	DE HEYN Véronique, Belgium Indoor Radon in Ardenne: A multivariate analysis <i>V. De Heyn, C. Licour, F. Tondeur, I. Gerardy, B. Dehandschutter, G. Ciotoli, G. Cinelli</i>
PS2-37	Jun Wen, China Solvent effects in the colorimetric detection of UO₂²⁺ by substituted tetraphenylethene <i>J. Wen, S. Hu, X. Wang</i>
PS2-38	Uk Yun, Korea Radon levels in community groundwater systems in Korea <i>U. Yun, M.S. Kim, H.K. Kim, D.S. Kim, S.Y. Cho, C.O. Choo, B.W. Cho</i>
PS2-39	Pavol Vojtyla, Switzerland Background of HPGe gamma spectrometers: What can particle physics tell us? <i>P. Vojtyla</i>

POSTER SESSION III

PS3-1	Medet Aktayev, Kazakhstan Features tritium distribution in the waters at the semipalatinsk test site <i>M.R. Aktaev, S.N. Lukashenko, A.O. Aidarkhanov</i>
PS3-2	Vladimir Abdulajev, Lithuania Peculiarities of burning the graphite samples <i>V. Abdulajev, A. Garbaras, E. Lagzdina, D. Lingis, J. Garankin, A. Plukis, R. Plukienė, V. Remeikis, A. Gudelis</i>
PS3-3	Natalia Alegria, Spain Prediction of the spectrum for a Cerium Bromide (CeBr₃) detector combining RASCAL code and Monte Carlo simulations <i>F. Legarda and N. Alegria</i>
PS3-4	Zhanat Baigazinov, Kazakhstan Assessment of the possibility of farm animal breeding on the Semipalatinsk nuclear test site conditions <i>Zh.A. Baigazinov, S.N. Lukashenko</i>
PS3-5	Byong Wook Cho, Korea Dissolved uranium and radon in groundwater of the Goesan area, Korea <i>B.W. Cho, M.S. Kim, H.K. Kim, B.K. Ju, J.H. Hwang, U. Yun, C.O. Choo</i>
PS3-6	Seokwon Choi, Korea Concentration factors of fish, crustacean, cephalopod molluscs macroalgae and echinoderm. <i>S.W. Choia, D.J. Kim, J.S. Chae</i>
PS3-7	NGUELEM MEKONGTSO Eric Jilbert, Cameroon Radiological assessment of natural radioactivity level in some sediment samples along the coastal see of Limbe-Cameroon <i>E.J.M. Nguelem, M.M. Ndontchueng, A. Simo, C.J.S. Guembou</i>
PS3-8	Alexander Dario Esquivel López, Panama Annual cycle of ⁷Be in soil in a micro-watershed of Mato Frio River, (Brazil) <i>A.D. Esquivel L., R.M. Moreira, J. Juri Ayub and D.L. Valladares</i>
PS3-9	Lina Gaigalaitė, Lithuania Tracing the migration of radionuclides using <i>Betula pendula</i> and <i>Pinus sylvestris</i> (Lithuania) <i>A. Gudelis, L. Gaigalaitė, V. Abdulajev, D. Valiulis</i>

PS3-10	Inga Gorina, Lithuania Temporal variations of 210Pb in groundwater near radioactive waste repository <i>I. Gorina, A. Gudelis</i>
PS3-11	Andra-Rada Iurian, Romania 210Pb geochronology for the assessment of historical pollutants in the touristic area of Snagov Lake, Romania <i>A.R. Iurian, R.C. Begy, K. Szabolcs, H. Simon, I.M. Martonos, D. Ciobotaru, I. Dumitrascu, R.M. Margineanu</i>
PS3-12	Olga Jefanova, Lithuania The distribution of tritium in the aquatic environments, Lithuania <i>O. Jefanova, J. Mažeika, R. Petrošius and Ž. Skuratovič</i>
PS3-13	Irina Kamenova, Kazakhstan Distribution of 241Am and 137Cs in forest soil at «plumes» of radioactive fallout <i>I.N. Kamenova, N.V. Larionova, A.O. Aidarkhanov, S.N. Lukashenko</i>
PS3-14	Beibit Kenessarın, Kazakhstan Transfer parameters of 137Cs and 241Am into the tissues of sheep with soils in dependence to radioactive contamination form <i>B.A. Kenessarın, Zh.A. Baigazinov, S.N. Lukashenko</i>
PS3-15	Pavel Krivitskiy, Kazakhstan Technique to identify ground zeros of nuclear events of the Semipalatinsk test site <i>P.Ye. Krivitskiy, S.N. Lukashenko, M.A Umarov</i>
PS3-16	Yuriy Kutlakhmedov, Ukraine Radionuclides as tracers for assessing the radiocapacity and reliability of ecosystems <i>Yu.A. Kutlakhmedov</i>
PS3-17	Natalya Larionova, Kazakhstan Artificial radionuclides in the vegetation cover at areas adjacent to Semipalatinsk test site <i>N.V. Larionova, V.V. Polevik, Yu.S. Shevchenko, I.N. Kamenova, A.O. Aidarkhanov, S.N. Lukashenko</i>
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