



# Envira 2019

## Thursday, September 12, 2019

**Poster Session 2A - Don Ottavio/Masetto, 1st floor (2:00 PM - 3:00 PM)**

| [id] title  | presenter                           | board |
|---|-------------------------------------|-------|
| [324] Citizen Monitoring Network in the Czech Republic – project RAMESIS  | KUČA, Petr                          |       |
| [316] Portable radiation detectors used In-situ gamma spectrometry for Radiological Characterization of a contaminated site near a coal power plant in Northern Greece  | Prof. IOANNIDOU, Alexandra          |       |
| [317] A new method for the measurement of Ra-isotopes by alpha-particle spectrometry with Si detectors  | Dr PÉREZ MORENO, Silvia María       |       |
| [203] Radionuclide speciation of the transuranic radionuclides in the albic podzols (arenic)  | Ms POPOVA, Marina                   |       |
| [318] Sequential determination of <sup>234</sup> , <sup>235</sup> , <sup>238</sup> U, <sup>228</sup> , <sup>230</sup> , <sup>232</sup> Th, <sup>238</sup> , <sup>239</sup> + <sup>240</sup> Pu, and <sup>241</sup> Am in sediment | Mrs PARK, Ji Young                  |       |
| [242] An improvised method for Carbon-14 measurement in gaseous effluents   | Mr S, Bharath                       |       |
| [100] Flexible polysiloxane based scintillators for environmental monitoring  | Prof. QUARANTA, Alberto             |       |
| [104] Independent development of ESS tungsten target radionuclide composition modelling   | BARKAUSKAS, Vytenis                 |       |
| [326] Estimation of annual internal exposure to Uranium in foods consumed in Korea  | Dr CHAE, Jung-Seok                  |       |
| [258] Radiological risk assessment of stone quarry as a high radon level site (Case Study: Open-pit slate stone mine)   | Mr ADELIKHAH, Mohammadamad          |       |
| [327] Problems in quantifying radiation exposure of persons in the radioactively contaminated environment   | KUČA, Petr                          |       |
| [163] Radiation effects in plant species in Fukushima and Chernobyl   | Dr YOSCHENKO, Vasyl                 |       |
| [129] Radioactive cesium and potassium cycle model in Japanese grassland  | TSUIKI, Mikinori                    |       |
| [157] Development of station for artificial gamma activity measurements in surface water bodies   | FEJGL, Michal                       |       |
| [154] Determination of <sup>137</sup> Cs using non-commercial impregnated fly ash sorbent   | Ms VERONIKA, Silliková              |       |
| [169] Species composition and radioactive contamination of mushrooms in the pine forest near Irtysh river   | Dr LARIONOVA, Natalya               |       |
| [148] European Atlas of Natural Radiation data: an overview of digital and printed version  | Mr HERNANDEZ-CEBALLOS, Miguel Angel |       |
| [334] Radiocarbon and Cs-137 dating of Slovak wines   | POVINEC, Pavel                      |       |
| [281] Dose rate assessment at the submarine spring of Anavalos using ERICA Tool, Greece   | Mrs PAPPA, Filothei                 |       |
| [265] Seasonal variations in precipitation rates of fine aerosol revealed using <sup>7</sup> Be as a tracer   | Dr CHAE, Jung Seok                  |       |
| [236] AMS of <sup>90</sup> Sr at the sub-fg-level using laser photodetachment at VERA   | MARCHHART, Oscar                    |       |

|  |                          |  |
|--|--------------------------|--|
| <b>[235] Developments towards the determination of 135Cs and 137Cs in environmental samples by Accelerator Mass Spectrometry</b>                           | WIESER, Alexander        |  |
| <b>[237] A study on control of radioactive Cs elution from incineration fly ash by mixing soil</b>   | Dr SHIMADA, Yoko         |  |
| <b>[224] Advanced atmospheric 14C monitoring and modelling around the Paks Nuclear Power Plant, Hungary</b>  | Mr VARGA, Tamás          |  |
| <b>[275] Extraction efficiency of 210Po and 210Pb in herbal teas</b>   | Dr OLSZEWSKI, Grzegorz   |  |
| <b>[321] Long-term and multivariate correlation analysis of air dose rate with meteorological parameters in Japan</b>                                      | Prof. YASUDA, Nakahiro   |  |
| <b>[296] Study of radioactivity in arctic marine seaweed from Kongsfjorden (Svalbard)</b>  | Dr GORDO PUERTAS, ELISA  |  |
| <b>[207] Feasibility of a strontium adsorbent to analysis of radiostrontium in seawater</b>  | Dr OGATA, Yoshimune      |  |
| <b>[297] Content of technogenic radionuclide's in water bottom sediments and benthos of the Kara sea and shallow bays of the Novaya Zemlya archipelago</b> | Mr EMELIANOV, Alexandr   |  |
| <b>[293] Increased negative ionization yield for the detection of U-236 and U-233 by AMS</b>   | Mr KERN, Michael         |  |
| <b>[238] Possibilities of the new scintillation CeBr3 for radiological environmental monitoring</b>  | Dr ALEGRIA, Natalia      |  |
| <b>[19] Influence of soil water content, potassium, and “EM-Bokashi” on the soil-to-plant transfer factor of 137Cs for spring wheat and white mustard</b>  | ARENDA, Svetlana         |  |
| <b>[305] LSC detection of 35-S in low-sulphate water samples avoiding sulphate precipitation</b>   | Dr SCHUBERT , Michael    |  |
| <b>[307] Selection of terrestrial reference organisms for nuclear power plants</b>   | Mr CAO, Shaofei          |  |
| <b>[308] Experimental Study on Concentration Ratio of 90Sr and 137Cs in crab (Scylla serrata)</b>  | Dr LI, Jianguo           |  |
| <b>[309] Tomography of thorium-rich particles from Norwegian NORM sites (Fen area)</b>   | CAGNO, Simone            |  |
| <b>[185] 3D printed devices to integrate in flow-through systems for radionuclide measuring: application to uranium and radiostrontium determinations</b>  | Dr BORRÀS, Antoni        |  |
| <b>[194] Establishing Environmental Nuclear Forensics with Radiocesium Isotopes 135Cs and 137Cs Using Triple Quadrupole ICP-MS</b>                         | Prof. STEINHAUSER, Georg |  |
| <b>[189] Rapid determination of uranium isotopes in calcium fluoride sludge by tandem quadrupole ICP-MS/MS</b>   | Dr SHAN, Xing            |  |
| <b>[199] Radioecology research and education at the University of Tokyo after the Fukushima Nuclear Accident</b>   | Dr NIHEI, Naoto          |  |
| <b>[210] Rapid Analytical Method of Radionuclide Impurities in 99Tc Material for Quality Control</b>   | DAI, Xiongxin            |  |
| <b>[46] Removal of heavy metals from contaminated water using nano-magnetic Prussian blue based on graphene oxide sorbent</b>                              | UOGINTÉ, Ieva            |  |
| <b>[57] Radioactivity measurements of phosphogypsum produced in Serbia</b>   | NIKOLOV, Jovana          |  |
| <b>[55] Self-absorption effects in the low-energy region in non-destructive nuclear forensics method</b>   | NIKOLOV, Jovana          |  |
| <b>[45] Rapid adsorption of Cu (II), Co (II), Ni (II) and Pb (II) from aqueous solutions using magnetic Prussian blue nanosorbent</b>                      | UOGINTÉ, Ieva            |  |

|   |                   |  |
|---|-------------------|--|
| <b>[82] Estimation of ADER from aerial measurements by the drone equipped with gamma spectrometer</b> | Mr BEDNAR, Daniel |  |
|---|-------------------|--|

**Poster Session 2A: with beer - Don Ottavio/Masetto, 1st floor (5:00 PM - 6:00 PM)**