

Session Program

Apr 18 - 23, 2010



RadChem 2010

***Radionuclides in the Environment,
Radioecology 4***

Casino Conference Centre
Reitenbergerova 4/95, Mariánské Lázně, Czech Republic

Thu, April 22

5:00 AM

Radionuclides in the Environment, Radioecology 4

Session | **Location:** Casino Conference Centre, Mirror Hall, Reitenbergerova 4/95, Marianske Lazne, Czech Republic

5:00 – 5:15 AM

Sorption behaviour of contaminants in soils: pH and humic acid effects on sorption of on CEC of clay soils and minerals, and the mobility of Cd, Cs, Ni and Sr.

Speaker

Mr OLANREWAJU ANJOLAIYA

5:15 – 5:30 AM

Complexation of U(VI) with nitrogen and phosphorous containing ligands in aqueous solution

Speaker

Ms Bianca Raditzky

5:30 – 5:45 AM

Vertical and horizontal distribution of ¹³⁷Cs in zone of Chernobyl contamination in Russia

Speaker

Mrs Olga Zhukova

5:45 – 6:00 AM

The sorption processes of Np(V) and U(VI) onto metal oxide phases. The formation of sorption complexes and mechanistic aspects studied by in situ ATR FT-IR spectroscopy

Speaker

Dr Harald Foerstendorf

6:00 – 6:15 AM

Impact of U-mill tailings of the former uranium mine at Žirovski Vrh (Slovenia) on radionuclide accumulation by wetland plants

Speaker

Mr Marko Černe

6:15 – 6:30 AM

Transport of ¹²⁵I⁻, ¹³⁷Cs⁺ and ⁸⁵Sr²⁺ in granitoidic rocks and soil

Speaker

Dr Štefan Palágyi

6:30 AM