

Thursday, July 7, 2016

Theme 3: Geochemistry and Health (T3)

Special session 3 : Geochemistry and biomedical issues (SS3)

Time	Authors		Scientific field
9:00-9h45	Balter V.	Keynote	Cancer-driven isotopic fractionation
9:45-10:00	Albalat E. et al.	SS3 - Oral 1	Sulfur isotope analysis of medical sample by MC-ICP-MS
10:00-10:15	Anoshkina Y. et al.	SS3 - Oral 2	Iron isotopic composition of blood serum in anemia of chronic kidney disease
10:15-10:30	Costas-Rodriguez M. et al.	SS3 - Oral 3	High-precision isotopic analysis of Cu in a murine model with induced-liver cirrhosis
10:30-11:00		Coffee Break	
11:00-11:15	Watts M. et al.	T3 - Oral 1	Biomonitoring and environmental assessment of multiple arsenic exposure routes in Cornwall, UK
11:15-11:30	Lamer F.	SS3 - Oral 4	Interdisciplinary methodologies for high precision isotopic characterisation of biological processes
11:30-11:45	Cadiou J.-L. et al.	SS3 - Oral 5	Understanding Copper fluxes in cancerous cells using natural copper isotopic compositions in a model organism
11:45-12:00	Lauwens S. et al	SS3 - Oral 6	Cu isotopic signature in blood serum of liver transplant patients: A follow-up study
12:00-12:15	Gabriel Enge T.	SS3 - Oral 7	Copper Isotope Metallomics and Amyotrophic Lateral Sclerosis
12:15-12:30	Bondanese V. et al.	SS3 - Oral 8	Hypoxia induces copper stable isotope fractionation in hepatocellular carcinoma, in a HIF-independent manner
12:30-14:00		Lunch in the Atrium	
14:00-14:15	Stewart A.	T3 - Oral 2	Iodine in the plant: there's more going on than is usually realised: a literature review
14:15-14:30	Reis A. et al.	T3 - Oral 3	Understanding the solid-phase fractionation of lead in house dust samples and its role in oral bioavailability and human exposure: a challenging task
14:30-14:45	Kelepertzis E. et al	T3 - Oral 4	Lead isotope signatures in different particle sizes and chemical fractions from Athens urban soil: possible linkage with house dust
14:45-15:00	Entwistle J. et al	T3 - Oral 5	Newcastle Allotments Lead Biomonitoring Study: an investigation into the relationship between the blood lead concentration of gardeners and the solid phase partitioning and bioaccessibility of soil lead.
15:00-15:15	Hursthouse A. et al	T3 - Oral 6	Variability in the transfer of potentially toxic elements in vegetables grown on urban allotment gardens
15:15-15:30	Islam A. et al	T3 - Oral 7	Trace metals accumulation in soil irrigated with polluted water and assessment of human health risk from vegetable consumption in Bangladesh
15:30-16:00		Coffee Break	
16:00 - 16:15	Vandeuren A. et al	T3 - Oral 8	Mapping the effect of soil metal concentration on terrestrial organisms at regional scale (Wallonia - Belgium)
16:15 - 16:30	Maghakyan N. et al	T3 - Oral 9	Assessment of Pollution Levels and Human Health Risk of Heavy Metals in Dust Deposited on Urban Tree Leaves (case study: Yerevan)
16:30 - 16:45	Almeida A. et al	T3 - Oral 10	Evaluation of aluminum mobility and distribution in sediments of a tropical reservoir in Rio de Janeiro, Brazil
16:45 - 17:00	Kolmykova L. et al.	T3 - Oral 11	Iodine in natural waters within geochemically different areas contaminated after the Chernobyl accident
17:00 - 17:15	Cveckova V. et al	T3 - Oral 12	Chemical composition of groundwater/drinking water and oncological disease mortality, Slovak Republic
17:15 - 17:30	Fajcikova K. et al.	T3 - Oral 13	Relationship between geological environment and health status of residents, Krupina district, Slovak Republic
17:30 - 17:45		Special awards - Best poster and talk	
17:45 - 18:30	Poster Session		
	Abdelaal A. A. et al.	T3 - Poster 1	Kinetic study of time dependant fixation of U(VI) on biochar from aqueous solution
	Monte C. et al.	T3 - Poster 2	Geochemistry mobility of Hg after resuspension tests of Iguacu river superficial sediments, Guanabara Bay - Brazil
	Monte C. et al.	T3 - Poster 3	Hg bioavailability after resuspension test of Meriti river superficial sediments, Guanabara Bay, RJ - Brazil
	Oliveira-Silva L. et al.	T3 - Poster 4	Mercury contamination in wastes of water treatment in Juturnaiba Lake, Rio de Janeiro, Brazil
	Guimarães T. et al.	T3 - Poster 5	Evaluation of the remineralization rates of nutrients in sediments in a hypersaline lagoon
	Wasserman J.-C. et al.	T3 - Poster 6	Spatial distribution of the concentration of nutrients in sediments in the Araruama hypersaline Lagoon - RJ, Brazil
	Wasserman J.-C. et al.	T3 - Poster 7	Evaluation of the water mixing in a shallow rectified tropical river and its implications for water management
	Xiong J. et al.	T3 - Poster 8	Aerobic biodegradation of bisphenol A with microbial consortium from e-waste contaminated river sediment
	Ching-Ping Liang et al.	T3 - Poster 9	Spatial Health Risk Assessment of Arsenic Exposure from Drinking Groundwater in Taiwan's Pingtung Plain
	Chen J.-S. et al.	T3 - Poster 10	A probabilistic framework for assessing health risk associated with arsenic intake from drinking water in Southern Taiwan
	Korfali S. et al.	T3 - Poster 11	Deterioration of Vital Water Resource: Risk Assessment
	Sahakyan L. et al.	T3 - Poster 12	Heavy metal Pollution and Health risk assessment of kindergartens topsoil (case study of Yerevan)
	Bramwell L. et al.	T3 - Poster 13	Newcastle Allotments Lead Biomonitoring Study: an investigation into the relationship between allotment soil lead concentrations and the blood lead concentration of gardeners.
	Humphrey O. S. et al.	T3 - Poster 14	Iodine in Soils: Geochemical Dynamics and Availability to Plants
	Barraza F. et al	T3 - Poster 15	Uptake and bioaccumulation of Cd in cacao beans in areas impacted by oil activities in Ecuador
	Bejaoui I., Munoz M. et al.	T3 - Poster 16	Health risk assessment in farmlands contaminated by metallic mining activity under calcareous context and Mediterranean climate
	Sucha V. et al.	T3 - Poster 17	Platinum group elements (PGEs) from automobile catalysts: Bioaccessibility and exposure to humans
	Rapant S. et al.	T3 - Poster 18	Influence of chemical composition of groundwater/drinking water on health status of inhabitants of the Slovak Republic
	de Sousa Figueiredo Gomes C. et al.	T3 - Poster 19	Advances in Pelotherapy
	Gao Y. et al.	SS3 - Poster 1	Increasing Exposure Risks during Photochemical Transformation of Synthetic Musk: A Modeling Study
	Moore R et al.	SS3 - Poster 2	High Precision Zinc Stable Isotope Composition of Certified Biological Reference Materials