

Tuesday, 5 July 2016

Theme 1 - Dust and aerosol : Environmental records of anthropogenic activities and climate changes (T1)

Special session 1 : Spatio temporal trends of metal contaminants in the atmosphere (SS1)

Time	Authors		Scientific field
9:00-9:15	Welcome		Prof. Muriel Moser, Dean of Faculty of Sciences Prof. Nadine Mattielli, PI of the SEGH 2016 Conference
9:15-10:00	Gieré R.	Keynote	Mineralogy of the atmosphere: Assessing environmental and health impacts of airborne particulate matter
10:00-10:15	Bory A. et al.	T1 - Oral 1	Monitoring Saharan dust chemical variability on the West African margin
10:15-10:30	Vanderstraeten A. et al.	T1 - Oral 2	Physico-chemical characterisation and tracing of dust deposition in snow from Dronning Maud Land, NE Antarctica
10:30-10:45	Pereira B. et al.	T1 - Oral 3	Using soil geochemical data as environmental records of past industrial activities (Wallonia, South Belgium)
10:45-11:15	Coffee Break		
11:15-11:30	Barraza F. et al.	T1 - Oral 4	PM10 characterization from 3 polluted sites impacted by oil extraction and refinery activities in Amazon and Pacific Coast regions of Ecuador
11:30-11:45	Argyaki A. et al.	T1 - Oral 5	Magnetic susceptibility predicts heavy metal contamination levels in house dust from Athens, Greece.
11:45-12:00	Sensula B. et al.	T1 - Oral 6	Trees' response to climatic and anthropogenic environmental changes: multiproxy analysis in bio-monitoring of industrial area nearby nitrogen plant in the most industrialized part of Poland
12:00-12:15	Bi X.	T1 - Oral 7	In situ detection of the chemistry of individual fog droplet residues in the Pearl River Delta region, China
12:15-12:30	Ettler V. et al.	T1 - Oral 8	Surprisingly low oral bioaccessibility of metallic contaminants in waste dusts from laterite Ni ore smelting
12:30-12:45	Desprez A.	T1 - Oral 9	Analysis of Platinum Group Elements in road dust CRM using the Agilent 8800 Triple Quadrupole ICP-MS in MS/MS mode
12:30-14:00	Lunch in the Atrium		
14:00-14:15	De Vleeschouwer F., Li C. et al.	SS1 - Oral 1	Peat bogs from Amsterdam Island (South Indian Ocean): Preliminary results on Holocene environmental changes.
14:15-14:30	Powers A. et al.	SS1 - Oral 2	Unique spatio-temporal records of air pollution from urban sediment archives and their significance for understanding health
14:30-14:45	Suess E. and Winkel L.	SS1 - Oral 3	Temporal trends in concentrations and speciation of sulfur and selenium in rainwater
14:45-15:00	Ruiz-Fernandez A.C. et al.	SS1 - Oral 4	Pollution trends of trace metals in remote areas of Central Mexico: mercury and lead in sediments from high altitude mountain lakes.

15:00-15:15	Sanchez-Cabeza J.A. et al.	SS1 - Oral 6	Mercury fluxes to mangrove saltmarsh sediments from a subtropical coastal lagoon (Gulf of California)
15:15-15:30	Kumar Sarkar S. et al.	SS1 - Oral 7	Biogeochemistry of mercury and methylmercury in sediment cores from Sundarban mangrove wetland, India—a UNESCO World Heritage Site
15:30:15:45	Coffee Break		
15:45-18:00	Poster session		
	Donard A. and Shaw P.	T1 - Poster 1	Automated data reduction using customizable scripts in NuQuant for LA-ICP-MS transient signals
	Flament P. et al.	T1 - Poster 2	Iron chemical speciation in atmospherically processed industrial aerosols
	Mangold A. et al.	T1 - Poster 3	Measurements of the aerosol composition of the Brussels sub-urban atmosphere and implications for the emission scheme of a regional chemical transport model
	Shungu G.	T1 - Poster 4	Impact of artisanal mining in Idjwi sud (D.R.Congo) according to environment protection and sustainable development
	Zhang Ch. and Ding Sh.	T1 - Poster 5	Towards practical applications of measurements of labile chemicals in the environment based on a novel passive sampling technique
	Zhang Ch. et al.	T1 - Poster 6	Spatial analyses in environmental studies: In-field variation of soil phosphorus in small farms in Ireland
	Bory A. et al.	T1 - Poster 8	A Chinese Imprint in Insoluble Pollutants Recently Deposited in Central Greenland As Indicated by Lead Isotopes
	Adamiec E.	T1 - Poster 9	Geochemical characterization of Traffic Related Elements (TRE) in solids samples in road environments
	Sensuła B. and Piotrowska N.	T1 - Poster 10	Bio-monitoring of CO2 emission: Suess effect and Water Use Efficiency in pine growing near the combined heat and power plant in Łaziska Górne (Poland)
	Sensuła B. and Wilczyński S	T1 - Poster 11	Response of Scots Pine to climate and industrial emission in the most industrialized part of Poland
	De Vleeschouwer F. et al.	T1 - Poster 12	Japanese PEat records of ATmospheric deposition of artificial radionuclides (J-PEAT): Impacts of Fukushima accident and implications for radiochronology
	De Vleeschouwer F. et al.	T1 - Poster 13	Fuegian Peatlands: Recorders of Environmental Changes since the last deglaciation.
	Le Roux G. et al.	SS1 - Poster 1	Trace metal legacy on mountains aquatic ecogeochemistry: TRAM
	Le Roux G. et al.	SS1 - Poster 2	Geochemical environmental archives for human-environmental observatories
	Fiałkiewicz-Kozieł B. et al.	SS1 - Poster 3	Sources of air pollution in Karkonosze (South west Poland)
	Taraškevičius R. et al.	SS1 - Poster 4	Element content in epiphytic lichens, mosses and bark reflect ambient air conditions: Case of Vilnius Preschools
	Morton Bermea O. et al.	SS1 - Poster 5	Mercury and other trace elements contamination of the urban área of Mexico City: Use of ficus benjamina as biomonitor

18:15-19:00

Visit of the analytical platform ULB-VUB