Monday 17.07 – Green room

13:30	Peña	Control of mineral structure on the redox reactivity of manganese oxide nanoparticles
13:50	Duncan	Longitudinal effects of engineered nanomaterials when applied to remediate arsenic (As) and lead (Pb) contaminated soils.
14:10		Poster Flash presentations
14:30		Posters and coffee break
16:10	Noman	Antimicrobial and dye removal properties of nano Zn/kaolinite prepared using Polyalthia longifolia and Syzygium cumini leaf extracts
16:30	Lombi	Comparative nanotoxicology: bridging the gap between human and ecotoxicology

Wednesday 19.07 – Green room

9:20	White	Accumulation of engineered nanoparticles in terrestrial food chains: Correlating physiological and molecular response
9:50	~~Collin~~ **CANCELLED**	~~Combined effect of nanoparticles and trace metals in a soil-plant-microbe ecosystem~~
10:10	Larue	TiO2 nanoparticle translocation in Arabidopsis thaliana implies active mechanisms
10:30		Coffee break
11:00	Pradas	Accumulation, speciation and phytotoxicity of pristine and aged silver nanoparticles to wheat
11:20	Prasad	Biological effects of selenium nanoparticles on grain sorghum plants grown under high temperature stress
11:40	Sharma	Physiological, nutritional and stress responses in tomato exposed to TiO2 nanoparticles
12:00	Giamberini	Multibiomarker assessment of cross effects of salinity and cerium nanomaterials on the freshwater bivalve Corbicula fluminea
12:20		Lunch break
13:30	Wang	Do silver nanoparticles pose risk to soil-plant systems via the wastewater-sludge-soil pathway?
13:50	Schwab	Interactions of gold nanoparticles and the micronutrient silicon in a soil-grown legume at realistic exposure levels
14:10		Coffee break
15:50	Niazi	Resolving the influence of phosphate on arsenic sorption to nanoparticulate mackinawite by XANES spectroscopy
16:10	Chen	Use of nanoscale zero-valent iron for treating the produced water from hydraulic fracturing

Thursday 20.07 – Green room

9:20	Keller	Modelling the Fate of Engineered Nanomaterials in the Environment with nanoFate
9:50	Kaegi	Engineered nanoparticles (CeO2) identified in sewage sludge samples
10:10	Sekine	Exploring the nanoparticle eco-corona formation with surface-enhanced Raman spectroscopy
10:30		Coffee break
11:00	Lowry	Test Guidelines to Measure and Model Nanoparticle Dissolution Rates in Soil
11:20	Rodrigues	Evaluation of methods for soil porewater sampling to accurately characterize nanomaterial's availability for plant uptake
11:40	Bollyn	Polyphosphate and phytate sorption enhances colloidal stability of iron oxyhydroxide colloids and contribute to plant phosphorus uptake

Posters – Monday, 17.07, E-Floor, Main Hall

Bakshi	Optimisation of Fourier transformed infra-red spectroscopy to investigate TiO2 nanoparticle impact on plants in a realistic exposure scenario
De La Rosa	Green synthesis of titanium dioxide nanoparticles with Bouganvillea glabra choisy extracts and Vainillin
Hausladen	Influence of organic compounds on the fate of Mn oxide nanoparticles
Koch	Ecotoxicological effects of silver nanoparticles on microbial communities from various Canadian soils
Komarek	Towards consistent adsorption models of divalent metals onto iron (nano)oxides
Moens	Multi-method comparison on the size distribution of iron oxyhydroxide nanoparticles
Montalvo	Application of goethite nanoparticles coated with humic acids as reactive barriers for groundwater arsenic removal: Batch and column experiments
Nikoo Jamal	Accurate determination of titanium dioxide nanomaterials (nTiO2) in environmental matrices
Noman	Anionic pollutant removal using green synthesized nano ZnO prepared using Acacia plant extracts
Rodríguez-Seijo	Immobilisation of potentially toxic elements by calcium phosphate and hematite nanoparticles in soils from a shooting range (NW Spain)
Tassi	Effect of nano-CeO2 on boron homeostasis and phytotoxicity of Helianthus annuus L. growing in farm soil
White	Nanoscale nutrients suppress plant disease and increase crop yield
Wielinski	Engineered nanoparticles influence the kinetics of sewage sludge combustion – a TGA study