

<u>07/02/2017</u>					
start	end	name	title	chair	
09:00:00	09:20:00	Welcome by Professor José Fernando Mendes Vice-Rector for Research and Doctoral degrees University of Aveiro		L. Duester	
09:20:00	09:45:00	Keynote 1 R. Kaegi	Contributions of ENTER to Assess Fate and Transport of Engineered Nanomaterials in Urban (Waste)Water Systems		
09:45:00	10:10:00	Keynote 2 Michael Burkhardt	Production volume of nanomaterials	R. Kaegi	
10:10:00	10:25:00	A. Wimmer	To What Extent Can Full-Scale Wastewater Treatment Plant Effluent Influence the Occurrence of Silver Nanoparticles in Surface Waters?		
10:25:00	10:40:00	E. Topuz	Silver Nanoparticle Interactions with Aquatic Environmental Relevant Constituents Determine Their Environmental Fate?		
10:40:00	10:55:00	A. Markus	Nanoparticles in the Rhine – a new concern for the environment?		
10:55:00	11:20:00	Coffee/Poster			
11:20:00	11:35:00	T.T. Onay	Effect of Nano-ZnO on Waste Stabilization in Simulated Landfills		
11:35:00	11:50:00	H. Auvinen	Fate of silver nanoparticles in constructed wetland microcosms		
11:50:00	12:05:00	D. Lyons	From wastewaters to estuaries and coastal waters – entry pathways and effects of engineered nanoparticles on brackish and marine organism		
12:05:00	13:15:00	Lunch			
13:15:00	13:40:00	Keynote 3 G. Sarret	Fate of silver nanoparticles in agricultural soils	M. Burkhardt	
13:40:00	13:55:00	J. Makselon	Experimental and numerical investigations of silver nanoparticle transport under variable flow and ionic strength in soil		
13:55:00	14:10:00	I. Dror	Transport of engineered nanoparticles in partially saturated sand columns		
14:10:00	14:35:00	Keynote 4 Yann Sivry	The analytical toolbox: an overview of the main analytical improvements performed in the frame of ENTER		
14:35:00	14:50:00	M. Marguš	Development of the electrochemical method for detection and characterization of metal sulfide nanoparticles (MeS) in the aquatic environment	Y. Sivry	
14:50:00	15:05:00	A. Philippe	Clean and efficient extraction method of titanium dioxide nanoparticles from commercialized sunscreens		
15:05:00	15:35:00	Coffee/Poster			
15:35:00	16:00:00	Keynote 5 E. Alasonati	Metrological characterization of nanoparticles in environmental matrices by A4F and SP-ICPMS		
16:00:00	16:15:00	G. Cornelis	Size detection limits of spICP-MS using different instruments or data treatment algorithms		
16:15:00	16:30:00	A. Praetorius	Detection of engineered cerium oxide nanoparticles in soil samples using multi-element single-particle ICP-TOF-MS		
16:30:00	16:45:00	N. I. Supiandi	Transformation of isotopically labeled CdSe/ZnS quantum dots in surface waters		
16:45:00	17:00:00	N. Tepe	Comparison of sample introduction systems and calibration methods for the characterization of nanoparticulate suspensions by single particle ICP-MS		
20:00:00	Conference dinner				

<u>08/02/2017</u>				
start	end	name	title	chair
09:15:00	09:40:00	Keynote 6 A. Gutleb	The problem of choice - non-vertebrate model organisms and nanoparticle	L. Duester
09:40:00	09:55:00	P. Lycus	Silver nanoparticles restrain the aerobic respiration in <i>Paracoccus denitrificans</i> , but have a little effect on the denitrification process	
09:55:00	10:10:00	C. M. R. Almeida	Effect of silver nanoparticles on phytoremediation by the salt marsh plant <i>Phragmites australis</i>	
10:10:00	10:40:00		Coffee/Poster	
10:40:00	10:55:00	K. Mehennaoui	Influence of size and surface coating on AgNPs and AuNPs uptake by <i>Gammarus fossarum</i>	A. Gutleb
10:55:00	11:10:00	R. Rosenfeldt	How nanoparticles affect heavy metal toxicity for pelagic and benthic freshwater crustaceans	
11:10:00	11:25:00	A. Barrick	Nanomaterial toxicity through a High Throughput Screening Approach on <i>Mytilus edulis</i> hemocytes	
11:25:00	11:40:00	M.P. Cajaraville	Molecular and cellular effects of silver nanoparticles on adult mussels exposed through the diet and on their offspring	
11:40:00	11:55:00	L. De Marchi	Physiological and biochemical responses of polychaete <i>Diopatra neapolitana</i> to graphene oxide	
11:55:00	13:00:00		Lunch	
13:00:00	13:25:00	Keynote 7 Ruth Moeller	Regulatory aspects of nanomaterials	
13:25:00	13:40:00	C. Mouneyrac	How to improve the environmental impact assessment of engineered nanomaterials under realistic conditions? The use of mesocosm facilities	
13:40:00	13:55:00	S. Loureiro	Nano-heterostructures hazard assessment: mixture toxicity and fate scenarios	
13:55:00	14:10:00	L. Giambérini	Integrated effect evaluation of metallic nanoparticles on a simplified freshwater food chain of micro-organisms and bivalves, an overview	
14:10:00	14:40:00		Coffee/Poster	
14:40:00	14:55:00	C. Coutris	Ag and TiO ₂ nanoparticles interfere with the oxic and anoxic respiration of the activated sludge bacterium <i>Thauera linaloolentis</i>	L. Duester
14:55:00	15:10:00	A.-L. Fabricius	Development of size-fractionation strategies for colloidal systems of sediment pore water samples	
15:10:00	15:25:00	F. Weigl	Cloud-point extraction as a key technology for the species selective preconcentration of nanoparticles in environmental samples	
15:25:00	15:40:00	S. Kurtz	Engineered nanoparticles in the aquatic-terrestrial transition zone: A floodplain mesocosm study	
15:40:00	15:55:00	A. Georgantzopoulou	Behaviour and ecotoxicological effects of Ag and TiO ₂ nanoparticles in the effluent of a lab-scale waste water treatment plant	
15:55:00	16:20:00	L. Duester	COST Action ES1205 (05/04/2013 – 04/04/2017) - a funeral eulogy	
16:20:00	17:30:00		Drinks & Goodby	
20:00:00			The final ES1205 football match	