2018 ICEENN / CEINT POSTER PRESENTATIONS

Poster #	First Name	Last Name	Country of Current Residence	Institutional Affiliation	Title (maximum 200 characters)
1	Jessica	Adams	UK	NERC	A comparison of analytical techniques for measuring the attachment rate of nanomaterials to soil in kinetic batch tests Authors: J.L Adams, A. Turner, K. Norforrs, A. Lawlor, N. Geitner, S. Lofts,
2	Amjed	Alabresm	USA	University of South Carolina	A Novel Method for Remediation of Oil-Water Mixtures Using Magnetite Nanoparticles and Oil-Degrading Bacteria
3	Agil	Azimzada	Canada	McGill University	Release of TiO2 nanoparticles from painted surfaces under natural weathering conditions in Northern climates: characterization using single-particle ICP-MS
4	Garret	Bland	USA	Carnegie Mellon University	Assessment and Optimization of an Extraction Method for Copper Oxide Nanoparticles in a Soil Matrix
5	Ethan	Boeding	USA	Virginia Tech	Quantifying nucleic acid association to nanoparticles
5	Benjamin	Clark	USA	Virginia Tech	Quantifying nucleic acid association to nanoparticles
6	Nathan	Bossa	USA	Duke University	NanoPHEAT a Nano Product Hazard and Exposure Assessment Tool
7	Benjamin	Castellon	USA	Baylor University	Accumulation and depuration kinetics of nanoparticles in wetland mesocosms in eastern mosquitofish (Gambusia holbrooki) and Asian clam (Corbicula fluminea)
8	Katie	Challis	USA	Colorado School of Mines	Detection of titanium released from nano-TiO2 concrete weathered in a variety of U.S. climates
9	Nadratun	Chowdhury	USA	Duke University	The Role of Naturally Occurring Nano-Phases in the Transport and Fate of Genetic Debris
11	Martina	Cotena	France	Aix Marseille Universite	Reproductive toxicity of combusted diesel additive containing nano-ceria: in vitro approach
12	Becky	Curtis	USA	University of Wisconsin Milwaukee School of Freshwater Sciences	Complex metal oxide lithium cobalt oxide and lithium nickel manganese cobalt oxide nanomaterials impact growth and development of Chironomus riparius
13	Ariane	Donard	UK	Nu Instruments	Detecting sub-10nm particles with greater accuracy using SP-ICP-MS in the presence of background signals due to ionic content of the element of interest in the sample
14	Marielle	DuToit	USA	Duke University	Conductive water filtration membranes paired with electrochemical impedance spectroscopy facilitate assessment of fouling kinetics at membrane surface and within pores
15	Xiaoyu	Gao	China	Carnegie Mellon University	CuO nanoparticle dissolution and toxicity to wheat (Triticum aestivum) in rhizosphere soil
16	Zhiling	Guo	United Kingdom	University of Birmingham	Toxicity and transformation of graphene oxide and reduced graphene oxide in bacteria biofilm
17	Avery	Hatch	USA	Elon University	Transformation of Metal Oxide Nanoparticles in Surface Coatings: Hazards of Inhalation During Application
18	Vena	Haynes	USA	University of Connecticut	Phototoxic Effects of Titanium Dioxide Nanoparticles on Marine Aggregate-Associated Microorganisms Vena Haynes, J. Evan Ward and Robert Mason University of Connecticut Department of Marine Sciences
19	Lyndsey	Hendriks	Switzerland	ETH Zurich	Online Microdroplet Calibration to Improve Accuracy of Nanoparticle Measurements in Diverse Matrices by Single-Particle ICPMS

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20	Qishen	Huang	USA	Virginia Tech	SERS-based pH Measurement of Aerosol Droplets Reveals a pH Gradient
21	Brett	Knowles	Australia	University of Wollongong, Australia, and CSIRO Land and Water, Australia	Approaches to the synthesis of core-shell silver and gold nanoparticles Authors: Brett M. Knowles, Simon C. Apte, Jamie R. Lead, Brad M. Angel, Dianne F. Jolley
22	Elma	Lahive	United Kingdom	Centre for Ecology and Hydrology	Kinetics of uptake for silver nanoparticles in wheat exposed from seed in natural soil
23	Stephanie	Laughton	USA	Carnegie Mellon University	Evaluation of Cu-based NP Persistence following Foliar Application on L. sativa via spICP-MS measurement
24	Armand	Masion	France	CNRS	Mesocosm Testing as a Standard for Non Occupational and Exposure Driven Risk Assessment of Engineered Nanomaterials ?
25	Alex	McCumber	USA	Duke University	Impacts of Silver Coated Antimicrobial Screen on the Cell Phone Microbiome of Resident Physicians
26	Danielle	Mello	USA	Duke University	Assessment of silver nanoparticle toxicity: overcoming experimental confounders and testing mitochondrial toxicity
27	Seyyedali	Mirshahghassemi	USA	University of South Carolina	A Comparison between the Oil Removal Capacity of Polymer-Coated Magnetic Nanoparticles in Natural and Synthetic Environmental Samples
28	Elise	Morel	Canada	University of Montreal	Bioaccumulation and Effects of Cerium Dioxide nanoparticles on Chlamydomonas reinhardtii: Nanoparticles or the Free Ion?
29	Pirutchada	Musigapong	United Kingdom	University of Birmingham	Optimizing concentration of biological media at different temperature for silica nanoparticle stability
30	Natalia	Neal-Walthall	US	Duke University	Assessment of diffusive gradients in thin film (DGT) samplers deployed in the water column as a biomonitoring tool for mercury bioaccumulation
31	Nicholas	Niemuth	USA	University of Wisconsin - Milwaukee	Comparison of toxicity of DHLA, TOPO, and oleic-acid coated quantum dots and their ligands in the nematode C. elegans
32	Derek	Peloquin	USA	Oak Ridge Institute for Science and Education/US Environmental Protection Agency	Multi-Method Assessment of PVP-Coated Silver Nanoparticles and Artificial Sweat Mixtures
33	Brittany	Perrotta	USA	Baylor University	Engineered nanoparticles increase excretion rates of nitrogen and phosphorus by freshwater snails in wetland mesocosms
34	Vicenç	Pomar Portillo	USA	LEITAT / NIST (guest researcher)	Monitoring of nanomaterials release from consumer products: NANOFASE case studies
35	Sahar	Pourhoseini	USA	University of South Carolina	A comparative uptake and toxicity study of silver nanoparticles on human peripheral blood mononuclear cells
36	Logan	Rand	USA	Colorado School of Mines	Daily cycling of sunscreen and mineralogic Ti-containing nanoparticles in three rivers during recreational water use
37	Nicholas	Rogers	USA	Duke University	Examining Extracellular Vesicle Fate Through the Les of Environmental Nanotechnology
38	Hossein	Safa	USA	Howard University	Fate and transport of Ceria nanoparticles in porous media under different environmental variables; Effect of different sand grain size distribution

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39	Sheyda	Shakiba	USA	University of Houston	Competitive adsorption of biomolecules and natural organic matter on titanium oxide nanoparticles
40	Mithun	Sikder	USA	University of South Carolina	Effect of size and natural organic material on the uptake of platinum nanoparticles in the freshwater snail, Lymnaea stagnalis
41	Joana	Sipe	USA	Duke University	Method for Quantifying Microplastic Generation Rates from Various Plastics
42	Eleanor	Spielman-Sun	USA	Carnegie Mellon University	Temporal evolution of copper distribution and speciation in roots of Triticum aestivum exposed to CuO, Cu(OH)2, and CuS nanoparticles
43	Chady	Stephan	Canada	PerkinElmer	Cell Number Counting and Cellular Metal Mass Quantification by Flow Cytometry: Single Cell ICP-MS Opens up the Opportunity for Fast Cell Analysis
44	Mark	Surette	USA	Oregon State University	The Aging of Engineered Surface Coatings During Wastewater Treatment and the Impact on the Fate of Engineered Nanoparticles
45	Lila	Thornton	USA	Duke University	Estimation of Nanomaterial Weight Fraction in Consumer Products Using Machine Learning Methods
46	Rafael	Trevisan	USA	Duke University	Effects of nanoplastics in zebrafish from waterborne and dietary exposures: maternal transfer, mitochondrial bioenergetics, and interactions with PAHs
47	Amalia	Turner	USA	Duke University	Nanoparticle surface affinity to natural soils
48	Socorro	Vazquez-Campos	Spain	LEITAT Technological Center	GUIDEnano Tool: A web-based tool for the risk assessment of nanomaterials and nano-enabled products
49	Imari	Walker Karega	USA	Duke University	The impact of carbon nanotubes (CNT) and ultraviolet (UV) light on the release of polymer additives (Nonylphenol, Bisphenol A, piperazine and Bisphenol A diglycerol ether) from their matrices
50	Alexis	Wormington	USA	University of Florida	Exploring the cause of chemical desorption from single-walled carbon nanotubes in the gastrointestinal system of fish
51	Yueyang	Zhang	Canada	University of Alberta	Toxicity of nano-enabled azoxystrobin on zebrafish embryo
52	YING	ZHANG	USA	Carnegie Mellon University	The ecotoxicity of carbon-based nanoparticles on aquatic organisms
53	Yilin	Zhang	USA	Carnegie Mellon University	Star polymers serve as temperature and pH responsive drug nano-carrier for targeted delivery of agro-chemicals in plants through foliar application
54	Mark	Falinski	USA	Yale University	When viability assays may not be viable: Understanding the role of aggregation, surface charge and oxidative stress on MWCNT-induced risk in aquatic systems
55	Marco	Mangayayam	Denmark	University of Copenhagen	Time-resolved structural characterization of sulphidised zero valent iron: insights on stability and reactivity
56	Ilise	Feitshans	France	European Scientific Institute	Lessons learned from the SaferNano Design and Law Informatics Training

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