

17.00-18.30	Reception and Posters
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Effects of Maturation conditions on the Structure of Hydroxyapatite Nanopowder

Maria Tomoaia-Cotisel, Babes-Bolyai University of Cluj-Napoca	Gheorghe Tomoaia, Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca	Aurora Mocanu, Babes-Bolyai University of Cluj-Napoca
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Electrochemical CO₂ reduction for fuel production

Jihui Choi, Chung-Ang University	Ho Young Kim, Chung-Ang University	Soo-Kil Kim, Chung-Ang University
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Fabrication of Transition Metal Alloy Catalysts for Hydrogen Evolution via Water Electrolysis

Ho Young Kim, Chung-Ang University	Jihui Choi, Chung-Ang University	Soo-Kil Kim, Chung-Ang University
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Addressing the Complexity of Water Chemistry in Environmental Fate Modeling for Engineered Nanoparticles

Nicole Sani-Kast, ETH Zurich	Martin Scheringer, ETH Zurich	Konrad Hungerbuhler, ETH Zurich
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Benchmark dose (BMD) analysis of CuO and WCCo nanomaterials cytotoxicity in hepatocyte and macrophage cell lines

Daniele Pantano, Heriot Watt University - Edinburgh	Lucian Farcas, Karolinska Institutet - Stockholm
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Transformation and distribution processes governing the fate and behaviour of nanomaterials in the environment: an overview

Nanna B. Hartmann, DTU Environment, DK-2800 Kgs Lyngby, Denmark	Steffen F. Hansen, DTU Environment, DK-2800 Kgs Lyngby, Denmark	Anders Baun, DTU Environment, DK-2800 Kgs Lyngby, Denmark
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Low detection limits of fluorescent nanoparticles in aquatic environments

Alberto Clemente, Instituto de Nanociencia de Aragon (INA)	M. Pilar Lobera, Instituto de Nanociencia de Aragon (INA)	Jesus Santamaria, Instituto de Nanociencia de Aragon
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Analyzing the emission of engineered nanoparticles in accidental sites: Development of a self-cleaning dispersion chamber for exposure assessment

Francisco Balas, Instituto de Nanociencia de Aragon (INA)	Alberto Clemente, Instituto de Nanociencia de Aragon (INA)	Jesus Santamaria, Instituto de Nanociencia de Aragon
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Systems for capturing and recycling airborne engineered nanoparticles from occupational environments

M. Pilar Lobera, Instituto de Nanociencia de Aragon (INA)	Francisco Balas, Instituto de Nanociencia de Aragon (INA)	Jesus Santamaria, Instituto de Nanociencia de Aragon (INA)
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Recent Developments in Risk Assessment Efforts for Nanosilver and Nanotitania

Michael Tsang, University of Bordeaux, ISM, CyVi	Danail Hristozov, Ca'Foscari University of Venice	Chengfang Pang, Ca' Foscari University of Venice
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Development Of A Nano Exposure And Contextual Information Database (NECID)

Wouter Fransman, TNO	Johannes Pelzer, IFA	Wiho Stöppelmann, IFA
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Flow of Nanomaterials in Constructon and Demolition Waste in Switzerland

Ingrid Hincapié, EMPA	Alejandro Caballero-Guzman*presenting	Bernd Nowack, EMPA
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Use of a Nanoparticles Size-Ladder Standard in Asymmetric Flow Field-Flow Fractionation Coupled to ICPMS

Francisco Barahona, EC Joint Research Centre, Institute for Health & Consumer Protection, Chemical Assessment and Testing Unit	Otmar Geiss, EC Joint Research Centre, Institute for Health & Consumer Protection, Chemical Assessment and Testing Unit	Josefa Barrero-Moreno, EC Joint Research Centre, Institute for Health & Consumer Protection, Chemical Assessment and Testing Unit
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Extraction, Characterization and Determination of Fullerenes Nanoparticles in Aqueous Environments

Lin, Justin Chun-Te, Department of Environmental Engineering and Science, Feng Chia University, Taiwan	Ling, Ronald, School of Software and Microelectronics, Wuxi campus, Peking University, China	Lou, Jesse Jen-Chung, School of Software and Microelectronics, Wuxi campus, Peking University, China
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Stability of P25 TiO₂ and Nanocyl™ NC7000 Multi-walled carbon nanotubes in artificial freshwater for ecotoxicity using LUMiSizer 651: preliminary results

Andrea Brunelli, University Ca' Foscari of Venice

Antonio Marcomini, University Ca' Foscari of Venice

Fate and Transport of Zinc Oxide Nanoparticles in Various Aqueous Environment Conditions

Myunghee Lim, Korea Institute of Toxicology

Seong Min Hong, Korea Institute of Toxicology

Yu Sik Hwang, Korea Institute of Toxicology

Solar-induced TiO₂-mediated photocatalytic inactivation of target microorganisms

Theodora Velegraki, Aristotle University

Ioannis Poullos, Aristotle University

Environmental, health and safety impacts of the use of nanomaterials in the textile finishing industry. ECOTEXNANO LIFE+ project

Socorro Vázquez, LEITAT Technological Center

Raquel Villalba, LEITAT

Natalia Fuentes, LEITAT

Radioactive Labeling by Irradiation with Fast Protons for Study of TiO₂ NPs Biokinetics

Anna A. Antsiferova, National Research Centre "Kurchatov Institute", Russia, Moscow Institute of Physics and Technologies, Russia

Pavel K. Kashkarov, National Research Centre "Kurchatov Institute", Russia, Moscow Institute of Physics and Technologies, Russia,

Vladimir F. Demin, National Research Centre "Kurchatov Institute", Russia, Moscow Institute of Physics and Technologies, Russia

The JRC Repository of Nanomaterials: providing representative test materials for methods validation in nanoEHS research and regulation

Sara Totaro, Joint Research Centre

H.P. Crutzen, Joint Research Centre

Juan Riego Sintes, Joint Research Centre

A Risk Ranking Approach for Nano-Enabled Applications for the US Army

Khara Grieger, RTI International

Jennifer Hoponick Redmon, RTI International

Eric Money, RTI International

Toward Achieving Harmonization in a Nano-cytotoxicity Assay Measurement through an Interlaboratory Comparison Study

John T Elliott, NIST

Matthias Rosslein, EMPA

Elijah J. Petersen, NIST

Identification and Avoidance of Potential Artifacts and Misinterpretations in Nanomaterial Ecotoxicity Measurements

Elijah Petersen, NIST

Quantitative testing of nanoparticle release in the lifecycle of coatings – example spray application

Michael Stintz, TU Dresden, Institute of Chemical Engineering

Daniel Göhler, TU Dresden, Institute of Chemical Engineering

Lignin as a new sustainable precursor for carbon fibre

Stavros Anagnou, National Technical University of Athens School of Chemical Engineering Materials Science and Engineering Department, Greece

Eleni Milon, National Technical University of Athens School of Chemical Engineering Materials Science and Engineering Department, Greece

Costas Charitidis, National Technical University of Athens School of Chemical Engineering Materials Science and Engineering Department, Greece

Electrochemical CO₂ reduction for fuel production

Jihui Choi, Chung-Ang University

Ho Young Kim, Chung-Ang University

Soo-Kil Kim, Chung-Ang University

Pulmonary effects of nano Copper oxide in a Short-term inhalation study (STIS)

Flemming Cassee, National Institute for Public Health and the Environment, RIVM, NL

Bas Bokkers, National Institute for Public Health and the Environment, RIVM, Bilthoven, NL

Michela Zanella, Veneto Nanotech, Rovigo, Italy

Nanotechnology : the missing piece of the life puzzle

Gilbert M. Rios, European Membrane House (EMH)