

**Topical Scientific Workshop
 Regulatory Challenges in Risk Assessment of Nanomaterials**

Helsinki, 23-24 October 2014
 ECHA, Marie Skłodowska Curie conference room

Final Programme

Thursday, 23 October 2014

Chairman: Mr Wim De Coen, Head of Unit, Executive Office, ECHA

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| 08:30 – 09:30 | Registration Poster exhibition set-up <i>Coffee</i> |
| 09:30 – 09:40 | Welcome <i>Mr Jukka Malm, Deputy Executive Director, ECHA</i> |
| 09:40 – 11:15 | Topic 1: Introduction to international views on scientific challenges in regulatory risk assessment of nanomaterials Nano challenges in the EU <i>Ms Jenny Holmqvist, European Chemicals Agency</i> Assessment and Management of Nanomaterials Under the Toxic Substances Control Act <i>Mr Jim Alwood, US Environmental Protection Agency</i> Canada's Experience with Chemicals Assessment and Management and its Application to Nanomaterials <i>Dr Brad Fisher, Environment Canada</i> |
| 11:15 – 11:45 | <i>Coffee break in the poster exhibition area</i> |
| 11:45 – 13:30 | Topic 2: Measurement and characterization of nanomaterials Implementation of the risk-neutral, wide scope EC nanodefinition: Practical concepts and test cases <i>Dr Wendel Wohlleben, BASF, Germany</i> Testing the test in NANoREG: Nanomaterial Characterization and Technical Guidance for Toxicological Testing <i>Dr Keld Jensen, National Research Centre for the Working Environment, Denmark</i> Characterisation of nanomaterial release during their lifecycle <i>Prof. Michael Stintz, Technische Universität Dresden, Germany</i> |
| 13:30 – 14:30 | <i>Lunch and coffee in Antell canteen</i> |

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| 14:30 – 16:15 | <p>Topic 3: Metrology and dose metrics for hazard and exposure assessment throughout the life cycle</p> <p>Concepts of Nanoparticle Toxicology, Dosimetry and Risk Assessment <i>Prof. Günter Oberdörster, University of Rochester, USA</i></p> <p>Metrology and metrics for exposure assessment throughout the life cycle <i>Prof. Thomas Kuhlbusch, Institut für Energie- und Umwelttechnik, Germany</i></p> <p>State-of-the-science in Metrology & Metrics for Nanomaterials Regulation <i>Dr Steve Hankin, Institute of Occupational Medicine, United Kingdom</i></p> |
| 16:15 – 16:45 | <i>Coffee break in the exhibition area</i> |
| 16:45 – 17:45 | Panel discussion |
| 17:45 – 18:15 | Wrap-up |
| 18:15 – 19:30 | <i>Cocktail reception in Antell canteen</i> |

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| 09:00 – 09:10 | Introduction |
| 09:10 – 11:00 | <p>Topic 4: Environmental fate, persistence and bioaccumulation throughout the life cycle</p> <p>Environmental fate modelling and measurement of nanomaterials <i>Dr Geert Cornelis, University of Gothenburg, Sweden</i></p> <p>Bringing it all together: Comparing a “classical” ERA based on standard endpoints and approaches with a more informed and nano-specific ERA for ZnO and Ag nanoparticles <i>Dr Claus Svendsen, Centre of Ecology & Hydrology, United Kingdom</i></p> <p>Challenges for effect assessment of nanomaterials in the environment <i>Prof. Teresa Fernandes, Heriot-Watt University, United Kingdom</i></p> |
| 11:00 – 11:30 | <i>Coffee break in the poster exhibition area</i> |
| 11:30 – 13:15 | <p>Topic 5: Read across and categories of nanomaterials</p> <p>Safety assessment of nanomaterials. What about extrapolation between ENM? Read across and categorization. <i>Dr Wim De Jong, National Institute for Public Health and the Environment, The Netherlands</i></p> <p>Grouping of nanomaterials using short-term inhalation studies and related <i>in vitro</i> methods <i>Dr Robert Landsiedel, BASF, Germany</i></p> |
| 13:15 – 14:30 | <i>Lunch and coffee in Antell canteen</i> |
| 14:30 – 15:30 | Panel discussion |
| 15:30 – 16:30 | Wrap-up |
| 16:30 – 17:00 | <i>Poster exhibition dismantling</i> |