

# A Joint Workshop 2012



**eu-us**  
bridging nanoEHS research efforts

25-26 OCTOBER 2012, HELSINKI, FINLAND

Thursday, 25 October 2012

8.30 Registration

Room: Main Lecture Room

Chairs: Kai Savolainen, Finland  
Chris Cannizzaro, United States

Plenary  
Rapporteurs: Lea Pylkkänen, Finland  
Marit Ilves, Finland

Technical  
Coordinator for  
the  
Proceedings: Elina Juntunen, Finland

PLENARY: **WELCOME REMARKS**

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9.00 **Words of Welcome**  
*Harri Vainio, Director General, Finnish Institute of Occupational Health, Finland*

9.10 **Welcome on Behalf of the U.S.**  
*Danny Hall, Deputy Chief of Mission, U.S. Embassy, United States*

9.20 **Purpose and Goals of the 2012 Workshop**  
*Christos Tokamanis, Head of Unit, European Commission*

PLENARY (I): **BACKGROUND FOR 1ST DAY CORS**

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9.30 **Emerging Issues of Nanosciences**  
*Kenneth Dawson, CBNI/UCD, Ireland*

10.00 **Research Priorities on Safe Nanotechnologies**  
*Mark Wiesner, Duke University, United States*

10.30 Break

PLENARY (II): **EU AND U.S. RESEARCH STRATEGIES AND IMPACT OF RESEARCH**

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11.00 **European Research Strategies on Nanotechnologies**  
*Kai Savolainen, Finnish Institute of Occupational Health, Finland*

11.15 **U.S. Research Strategies on Nanotechnologies**  
*Sally Tinkle, National Nanotechnology Coordination Office, United States*

11.30 Discussion

12.00 Lunch

GROUPS:		<b>BREAKOUT SESSIONS</b>	
13.00	<b>CoR-4: Risks Assessment</b>	<b>CoR-2: Ecotoxicity Testing and Extrapolation towards QSARs, with Material Characterization</b> Topelius	<b>CoR-3: Predictive Modeling for Health, with Material Characterization</b> Haartman
<i>Room:</i>	Main Lecture Room		
<i>Chairs:</i>	Derk Brouwer, the Netherlands Mark Wiesner, United States	Henriette Selck, Denmark	Bengt Fadeel, Sweden Yoram Cohen, United States
<i>Rapporteurs:</i>	Andrea Haase, Germany	Jacques-Aurélien Sergent, France	Lang Tran, Scotland
13.00	CoR Vision Statement <i>Derk Brouwer, the Netherlands</i>	CoR Vision Statement <i>Henriette Selck, Denmark</i>	CoR Vision Statement <i>Bengt Fadeel, Sweden</i>
13.10	A Risk Forecasting Framework for Nanomaterials <i>Mark Wiesner, United States</i>	The Challenges of Collaborating and Communicating across the Pond <i>Henriette Selck, Denmark (on behalf of Steve Klaine, United States)</i>	Predictive Modeling for Health <i>Yoram Cohen, United States</i>
		Do Mechanistic Effect Models Have a Place in ERA of Engineered Nanoparticles? <i>Annemette Palmqvist, Denmark</i>	
13.25	Industrial Perspectives on Emerging Risks and Safety of Nanotechnologies <i>Aleksandar Jovanovic, Germany</i>	Designing Superior Nanomaterial-Containing Consumer Products with Minimal Toxicity <i>Alexander Orlov, United States</i>	QSARs for Nanomaterials <i>Enrico Burello, the Netherlands</i>
13.40	Discussion	Discussion	Discussion
14.40	Summary and Conclusions	Summary and Conclusions	Summary and Conclusions
15.00	Break		
15.30	Finalizing Workshop Reports: chairs, rapporteurs and the breakout groups		

PLENARY (III): **REPORTS**

16.00	Workshop Report CoR-4
16.30	Workshop Report CoR-2
17.00	Workshop Report CoR-3
17.30	End of 1st Workshop Day

**Friday, 26 October 2012**

8.30 Registration

*Room:* Main Lecture Room

*Chairs:* Kenneth Dawson, Ireland  
Sally Tinkle, United States

*Plenary Rapporteurs:* Chris Cannizzaro, United States  
Stacey Standridge, United States

PLENARY (IV): **BACKGROUND FOR THE 2ND DAY CORS**

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9.00 **Requirements for Reliable Exposure Assessment of ENM in Air**  
*Gerhard Kasper, KIT, Germany*

9.30 **Risk Assessment and Management of ENM**  
*Christine Powers, EPA, United States*

10.00 Break

GROUPS: **BREAKOUT SESSIONS**

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10:30	<b>CoR-1: Exposure through the Life Cycle, with Material Characterization</b>	<b>CoR-5 Databases and Ontologies</b>	<b>CoR-6: Risk Management and Control</b>
<i>Room:</i>	Main Lecture Room	Haartman	Topelius
<i>Chairs:</i>	Thomas Kuhlbusch, Germany Richard Canady, United States	Hubert Rauscher, European Commission Nathan Baker, United States	Tom Von Teunenbroek, the Netherlands Larry Gibbs, United States
<i>Rapporteurs:</i>	Jerome Rose, France	Martin Fritts, United States	Garry Burdett, United Kingdom
10.30	CoR Vision Statement Richard Canady, United States	CoR Vision Statement Hubert Rauscher, European Commission	CoR Vision Statement Larry Gibbs, United States
10.40	Environmental Risk Assessment of ENP <i>Geert Cornelis, Sweden</i>	U.S. Resources <i>Nathan Baker, United States</i>	Regulatory Review of Nanomaterials in the EU <i>Tom van Teunenbroek, the Netherlands</i>
10.55	Developing a Resource Tool for Concepts and Methods to Analyze Engineered Nano Materials in Environmental Media throughout Their Life Cycle <i>Gabriele Windgasse, United States</i>	Nanosafety Databases: Harmonisation Efforts in Europe <i>Iseult Lynch, Ireland</i>	Key Research Areas for NanoEHS Success <i>Charles Geraci, United States</i>

11.10	Discussion	Discussion	Discussion
12.10	Summary and Conclusions	Summary and Conclusions	Summary and Conclusions
12.30	Lunch		
13.30	Finalizing Workshop Reports: chairs, rapporteurs and the breakout groups		

PLENARY (V):

### REPORTS

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14.00	Workshop Report CoR-1
14.30	Workshop Report CoR-5
15.00	Workshop Report CoR-6

PLENARY (VI): **CONCLUSIONS AND CLOSING**

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15.30	<p><b>Conclusions, Next Steps, and Ways Forward</b>  <i>Sally Tinkle, United States</i>  <i>Georgios Katalagarianakis, European Commission</i></p>
16.00	<p><b>Closing the Meeting</b>  <i>Chris Cannizzaro, United States</i></p>
16.10	End of the Workshop

