

Final Conference

Building Confidence in Risk Assessment and Governance of Nanomaterials

Venue: Eigtveds Pakhus - Strandgade 25G - DK 1401 Copenhagen

October 7th:

08:00 Registration and coffee/tea

Introduction to the caLIBRAte project

09:00 Welcome

09:05 The caLIBRAte project and main objectives – *coordinator Keld Alstrup Jensen, NRCWE, DK*

Understanding stakeholders nanotechnology knowledge, needs and concerns

09:20 Introduction – *Andrea Porcari, AIRI, IT & Christina Benighaus, DIALOGIK, DE*

09:25 Multimethod stakeholder assessment of views and perspectives on nano-risk governance – *Christina Benighaus, DIALOGIK, DE*

09:45 Views and needs for risk assessment and nano-risk governance in research and industry organizations – *Pete Kines, NRCWE, DK*

10:00 Plenary discussion – *Chairs Andrea Porcari, AIRI, IT & Christina Benighaus, DIALOGIK, DE*

10:15 Coffee Break

Identification of candidate tools that align with stakeholders' needs and prospective methods

10:45 Introduction – *Wouter Fransman, TNO, NL & Anders Baun, DTU, DK*

10:50 Selection of human risk assessment tool candidates aligned with stakeholder needs – *Wouter Fransman, TNO, NL*

11:10 Prospective alternative methods to support HRA and decision support – *Penny Nymark, KI, SV*

11:25 Selection of environmental risk assessment tool candidates aligned with stakeholder needs – *Sara Nørgaard, DTU, DK*

11:40 Prospective alternative method candidates for ERA and decision support – *Michael Burkard, EAWAG, CH*

12:00 Plenary discussion – *Chairs Wouter Fransman, TNO, NL & Anders Baun, DTU, DK*

12:15 Lunch

Building the calibrate database for model development and tool testing

13:15 Introduction – *Martine Bakker, RIVM, NL & Socorro Vázquez Campos, LEITAT, ES*

Part 1: Exposure and release data

13:20 Identification and evaluation of human exposure and environmental release measurement data fit for testing exposure assessment models – *Socorro Vázquez Campos, LEITAT, ES*

13:35 New state-of-the-art value chain exposure and environmental release case studies – *Ana Sofia Fonseca, NRCWE, DK*

Part 2: Physicochemical and toxicological data and their application

13:50 Identification and evaluation of physicochemical and toxicological data fit for testing hazard assessment models – *Martine Bakker, RIVM, NL*

14:10 New hazard studies testing the effect of porosity and coating on nano material toxicity – *Niels Hadrup, NRCWE, DK*

14:30 Developments towards use of omics and adverse outcome pathways – ready for risk assessment? – *Dario Greco, UH, FI*

14:45 Developments towards high-throughput screening methods – ready for risk assessment? – *Roland Grafström, KI/Misvik, SV*

15:00 Plenary discussion – *Chairs Martine Bakker, RIVM, NL & Socorro Vázquez Campos, LEITAT, ES*

15:15 **Coffee / Tea break**

Tool testing, refinement and performance testing

15:45 Introduction, *Khara Grieger, NCSU, USA & Miikka Dal Maso, TUT, FI*

15:50 Testing and selection of human risk assessment models for the nano-risk governance framework – *Miikka Dal Maso, TUT, FI*

16:05 Testing and selection of environmental risk assessment models for the nano-risk governance framework – *Anders Baun, DTU, DK*

The caLIBRAte nano-risk governance framework, portal and future steps

- 16:20** Introduction – *Aleksandar Jovanovic, R-Tech, DE & Keld Alstrup Jensen, NRCWE, DK*
- 16:25** The final Nano-Risk (Innovation) Governance Framework and Guidance – *Keld Alstrup Jensen, NRCWE, DK*
- 16:35** Introduction to the caLIBRAte Nano-Risk Governance Portal 1.0beta – *Somik Chakravarty, R-Tech, DE*
- 16:55** From caLIBRAte and onwards from the perspectives of H2020 research program – *Project Officer Carlos-Eduardo Lima-Da-Cunha, European Commission*
- 17:10** Plenum discussion – *Chairs Khara Grieger, NCSU, USA & Miikka Dal Maso, TUT, FI*

Reception and poster session

- 17:30** Opening of the reception and poster session – *Chairs Keld Alstrup Jensen, NRCWE, DK & Marina Moser-Johansen, NRCWE, DK*
- 17:35** Reception and poster viewing
Booth with the web-based NanoRisk Governance Portal v. 1.1
- 19:25** Closure of the meeting – *Chairs Keld Alstrup Jensen, NRCWE, DK & Marina Moser-Johansen, NRCWE, DK*

- 19:30** **End of todays programme**

Conference leader: Keld Alstrup Jensen, NRCWE, DK
Administrative coordinator: Marina Moser-Johansen, NRCWE, DK
Conference chairs: Claire Skentelbery & Sean Kelly, NIA, BE
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Further information on caLIBRAte: www.nanocalibrate.eu

Preliminary agenda v. 07 - 03/10/2019