

9/9/2020 DRAFT

2020 U.S.-EU NanoEHS COR Workshop

Bridging Insights and Perspectives

September 16–17

Daily runtime: 6:30 (Pacific)/9:30 (Eastern)/15:30 (Central Europe) – 10:30/13:30/19:30

The U.S. National Nanotechnology Initiative (NNI) and European Commission have organized the ninth annual meeting of the nanoEHS Communities of Research (CORs) as a virtual workshop on September 16–17, 2020. As the nanoEHS research ecosystem continues to evolve, this event will identify future needs and opportunities. Conversations will further address how the lessons learned from nanoEHS research can be applied to other areas such as emerging technologies and incidental nanomaterials. The workshop will foster high-level discussions of nanoEHS and related areas to explore connections and synergies that will drive responsible development of nanotechnology into the coming decades.

The event will run for four hours each day. Webcast plenaries (📺) will include live Q&A portions. Breakout sessions (👤) will feature interactive discussion.

Wednesday, September 16

PDT/EDT/CEST

Agenda

6:30/9:30/15:30

Welcome and Program Overview 📺

Lisa Friedersdorf, NNCO

6:45/9:45/15:45

Working Towards a Harmonized Nanosafety E-Infrastructure for Data and *In Silico* Tools 📺

Thomas Exner, Edelweiss Connect GmbH

7:15/10:15/16:15

Breakout Discussions 👤

- **Databases and informatics**

Co-chairs: Fred Klaessig (Pennsylvania Bio Nano Systems, LLC) and Vladimir Lobaskin (University College Dublin)

- **Applying lessons learned from ENMs to incidental materials**

Co-chairs: Wouter Fransman (TNO), Socorro Vazquez (Leitat Technological Center), and Paul Westerhoff (Arizona State University)

- **Developing and adapting risk assessment frameworks for novel risks**

Co-chairs: Andrew Byro (U.S. Environmental Protection Agency) and Danail Hristozov (University Ca' Foscari of Venice)

- **Integrating molecular approaches in risk assessment**

Co-chairs: Arno Gutleb (Luxembourg Institute of Science and Technology) and Christie Sayes (Baylor University)

9:00/12:00/18:00

Break

9:25/12:25/18:25

Breakout Session Reports & Discussion 📺

9:50/12:50/18:50

Detecting and Characterizing Nanoplastics in Real-World Samples 📺

Julien Gigault, French National Centre for Scientific Research
Souhail Al-Abed, U.S. Environmental Protection Agency

10:30/13:30/19:30

Day 1 Concludes

Thursday, September 17

PDT/EDT/CEST Agenda

- 6:30/9:30/15:30 **Day 2 Welcome** 🗣️
Stacey Standridge, NNCO
- 6:35/9:35/15:35 **NNI Overview & Updates** 🗣️
Lisa Friedersdorf, NNCO
- 7:05/10:05/16:05 **Breakout Discussions** 🗣️
- **Assessing mixtures – nanoplastics and beyond**
Co-chairs: Adeyemi Adeleye (University of California, Irvine) and Susana Loureiro (University of Aveiro)
 - **Applying nanoEHS lessons to other emerging contaminants**
Co-chairs: Janeck Scott-Fordsmand (Aarhus University) and Mark Wiesner (Duke University)
 - **Evaluating governance frameworks to make risk-based decisions of ENMs**
Co-chairs: Khara Grieger (NC State University) and Ulla Vogel (Danish National Research Centre for the Working Environment)
- 8:50/11:50/17:50 **Break**
- 9:15/12:15/18:15 **Breakout Session Reports & Discussion** 🗣️
- 9:45/12:45/18:45 **Horizon Europe Overview** 🗣️
Aleksandra Malyska, European Commission
- 10:15/13:15/19:15 **Workshop Wrap-Up Discussion** 🗣️
Stacey Standridge, NNCO
- 10:30/13:30/19:30 **Workshop Concludes**