

## Nanoparticles at Workplaces

26th – 28th of October 2021

### Tuesday, 26.10.2021

09.00 – 09.15 CET	Welcome and general information	<b>Morten Jakobsen, NIVA</b>
09.15 – 10.00 CET	Introduction (in Breakout Rooms) Scope and purpose of the course Learning objectives	<b>Anna-Kaisa Viitanen</b>
10.00 – 10.15 CET	<i>Break</i>	
10.15 – 10.45 CET	Nanoparticles at workplaces (article in advance)	<b>Anna-Kaisa Viitanen</b>
10.45 – 11.15 CET	Group discussion	
11.30 – 12.00 CET	Risk Governance process for engineered nanomaterials (article in advance)	<b>Arto Säämänen</b>
12.00 – 12.15 CET	Q&A	
12.15 – 13.15 CET	<i>Lunch</i>	
13.15 – 13.45 CET	Nanotoxicity	<b>Henrik Wolff</b>
13.45 – 14.00 CET	Q&A	
14.00 – 14.45 CET	Genotoxicity (video in advance)	<b>Julia Catalan</b>
14.45 – 15.00 CET	Wrap up of day 1	

### Wednesday, 27.10.2021

08.30 – 09.00 CET	Virtual morning coffee (optional)	
09.00 – 09.30 CET	New Approach Methodologies for animal-free safety assessment of nanomaterials	<b>Penny Nymark</b>
09.30 – 10.00 CET	Adverse outcome pathways for design safety testing strategies applicable to nanomaterials	<b>Penny Nymark</b>
10.00 – 10.30 CET	Demo on AOPwiki Q&A	<b>Penny Nymark</b>

10.30 – 10.45 CET	<i>Break</i>	
10.45 – 11.15 CET	Exposure assessment	<b>Anna-Kaisa Viitanen</b>
11.15 – 11.45 CET	Nanoparticle measurement methods	<b>Anna-Kaisa Viitanen</b>
11.45 – 12.00 CET	Q&A	
12.00 – 13.00 CET	Lunch	
13.00 – 13.30 CET	Models for assessing occupational exposure to manufactured nanomaterials	<b>Ana Sofia Fonseca</b>
13.30 – 14.15 CET	Demo on exposure assessment modeling tools	<b>Ana Sofia Fonseca</b>
14.15 – 14.45 CET	Q&A	
14.45 – 15.00 CET	Wrap up of day 2	

### Thursday, 28.10.2021

08.30 – 09.00 CET	Virtual morning coffee (optional)	
09.00 – 09.30 CET	Nanos in OSH and chemicals legislation – workplace perspective	<b>Piia Taxell</b>
09.30 – 10.00 CET	Group discussion	
10.00 – 10.30 CET	Risk management methods	<b>Arto Säämänen</b>
10.30 – 10.45 CET	Q&A	
10.45 – 11.00 CET	<i>Break</i>	
11.00 – 11.45 CET	Group work on Risk Governance	<b>Arto Säämänen</b>
11.45 – 12.00 CET	Wrap up of the group work	
12.00 – 13.00 CET	<i>Lunch</i>	
13.00 – 13.30 CET	Future prospects (panel discussion with the lecturers)	
13.30 – 13.45 CET	Discussion and reflections	
13.45 – 14.00 CET	Closing of the course	