

Safe Handling of Nanomaterials Short Course

17 January 2014

Institute for Work and Health, Lausanne, CH

This short course gives you the opportunity to learn good workplace practices when handling nanomaterials in a research laboratory. After an introduction to the current status of nanomaterial hazard and exposure assessment, you will receive hands-on training from experts in the Particles and Health Group at the Institute for Work and Health (l'Institut universitaire romande de Santé au Travail, IST) in Lausanne who are contributors of scientific expertise at the national and international level on nanomaterial occupational health.

Trainers:

- Dr. Michael Riediker, Head of Particles and Health Group at IST and Director of SAFENANO of IOM Singapore
- Dr. Nastassja Lewinski, Researcher in Particles and Health Group at IST
- Dr. Kaspar Schmid, Head of section Chemicals and Occupational Health at SECO

When: Friday, January 17, 2014 from 10:00 to 17:00

Where: Institut de Santé au Travail, IST, Lausanne

Who: Students and early career researchers working in related fields, but with limited or no direct experience with nanomaterial synthesis or handling who are beginning to work with or are interested in incorporating nanomaterials in their future research.

Cost: Free, this is a Nano-Tera sponsored event. Travel, hotel and lunch is at own cost.

To register: Email nastassja.lewinski@chuv.ch with your name, affiliation, and email address. The afternoon hands-on safety training is open to the first 30 applicants. Nano-Tera members will receive priority if registered before December 31, 2013.

Schedule

17 January 2014		Institut de Santé au Travail, Lausanne
9:30-10:00		Check-In – Welcome Coffee
10:00-10:15		Pre-assessment
10:15-10:30	N. Lewinski	What are nanomaterials? Introduction to Nanotechnology
10:30-11:00	N. Lewinski	What are the health hazards? MSDS for Nanomaterials and Nanomaterial Toxicology Overview
11:00-11:30	M. Riediker	How am I exposed? Identifying and Assessing Workplace Exposures to Nanomaterials
11:30-12:00	M. Riediker	Can I limit my exposure? Control Banding Approaches for Management of Workplace Risks of Exposures to Nanomaterials
12:00-12:30	K. Schmid	How am I being protected? Regulations and Standards Relevant to Nanomaterials
12:30-12:45		Post-assessment
12:45-2:00		Lunch break
2:00-2:30	Module 1	Exposure Risks Demonstration
2:30-3:15	Module 2	Controlling Exposure to Nanomaterials (Hands-On)
3:15-4:00	Module 3	Safe Practices to Handling Nanomaterials (Hands-On)
4:00-4:45	Module 4	Proper Disposal of Nanomaterials Waste (Hands-On)
End of Course		
This short course was produced with support from Nano-Tera.		