

School Location



The School will take place on the island of San Servolo at the Venice International University (VIU), an international centre of higher education and research (www.univiu.org).



The island of San Servolo can be easily reached either by public transportation or by private taxi.



The public boat no. 20 (running every hour to and from the island) to San Servolo leaves from San Marco in front of the Londra Palace Hotel, Riva degli Schiavoni.



San Servolo (Venice)

Registration

The number of places available at the school will be limited to 40.

Registration is accessible online at www.unive.it/nanosafetyautumnschool

Deadline for early registration (discount of 10%):
July 31st, 2009

Deadline for late registration:
October 31st, 2009

Registration Fees

Attendance	Industries & Governmental Agencies	Academic staff	Ph.D. students
Whole Course	1200€	900€	600€
Each Module	400€	300€	200€

Fees include lunch and dinner but no accommodation. Rooms at special rate for the School participants (50€ to 90€ per person depending on the type of room) will be available at the island of San Servolo.

Certificates for one-day and whole course attendance will be issued to each participant.

First announcement

1st Nanosafety Autumn School

(Eco)Toxicology of Nanoparticles:
from Characterization to Risk Assessment

Venice (Italy)

16th-20th November 2009

Organized by :



Università
Ca' Foscari
Venezia

University Ca' Foscari of Venice
Department of Environmental Sciences

In collaboration with :

Edinburgh Napier University

Edinburgh Napier
UNIVERSITY



Karolinska
Institutet

Karolinska Institutet

**Institute of
Occupational
Medicine**



In cooperation with Venice International University

School Purpose

The increasing use of engineered nanomaterials, especially nanoparticles (NP), in various applications will likely lead to a significant exposure to these new materials. Over 500 NP-based consumer products are already marketed, such as sunscreens and cosmetics, detergents, pigments, tires, lubricants and healthcare/medical application products. There is an urgent need to assess the potential hazard and then the potential health risk posed by these new materials. This has initiated an integrated approach including advanced physico-chemical characterization, exposure and (eco)toxicology assessment to overcome the current limitations in their risk estimation. The 1st Nanosafety Autumn School will provide the "state-of-the-art" on scientific knowledge and technical tools available for an integrated assessment of nanotechnology products. The school will offer an interactive learning environment in which participants will use a combination of approaches to update their skills and to discuss current issues pertaining to human and environmental nanotechnology issues.

Target Audience

Industry, governmental agencies, (post)-graduates and Ph.D. students, dealing with nanotechnologies and related topics.

School Program

Three main modules:

Exposure Assessment
Hazard Assessment
Risk & Regulations

For each module:

- 2.5 h theory
- 1.5 h tutorial (exercises/study cases/etc.)

Teaching methods:

Master classes, then tutorials with hands-on examples and course work including journal clubs.

Invited international experts from Europe and the United States.

The official language of the School will be English.

Invited Speakers

- **Anders Baun**
(Technical University of Denmark, Denmark)
- **Michael Depledge**
(University of Plymouth, UK)
- **Richard Handy**
(University of Plymouth, UK)
- **Martin Hasselhov**
(Göteborg University, Sweden)
- **Mamoun Muhammed**
(Royal Institute of Technology, Stockholm, Sweden)
- **Bernd Nowack**
(EMPA, Swiss)
- **Michael Riediker**
(Institute for Work and Health, Switzerland)
- **Philip Sayre**
(EPA, USA)
- **Birgit Sokull-Klütgen**
(Joint Research Centre, Italy)

Course Schedule & Content

	MORNING	AFTERNOON
MONDAY		Introduction
TUESDAY <i>MODULE I</i>	Characterization	Exposure Scenarios
WEDNESDAY <i>MODULE II</i>	Toxicology	EcoToxicology
THURSDAY <i>MODULE III</i>	Risk Assessment	Regulation REACH National processes
FRIDAY	Summary Round Table Discussion	

Steering Committee

- **Antonio Marcomini**
University Ca' Foscari
(Venice, Italy)
- **Vicki Stone**
Edinburgh Napier University
(Edinburgh, UK)
- **Bengt Fadeel**
Karolinska Institutet
(Stockholm, Sweden)
- **Lang Tran**
Institute of Occupational Medicine
(Edinburgh, UK)