



REDUCING THE RISK OF NANOMATERIALS TO ENVIRONMENTAL AND HUMAN HEALTH

Engineered nanomaterials can today be found in at least 1800 commercially available products. With their unique properties and potential to significantly reduce dependence on extractable raw materials, the possible benefits to industry, and society as a whole, are enormous. However, robust information on the risks associated with extensive use of nanoscale particles and devices remains inadequate, and the gap between data generation and the ability of agencies to perform assessment continues to grow. This situation is compounded by the diversity of engineered nanomaterials in both their composition and the nature of the potential hazards they present.

PROMOTING A PLURIDISCIPLINARY “SAFER-BY-DESIGN” APPROACH

SaferNano prepares tomorrow’s researchers, industrialists, entrepreneurs and regulators to take on the complex challenges posed by nanotechnology. Using a “safer-by-design” approach, involving the development of new methods of life-cycle assessment, **SaferNano** introduces highly motivated scientists and lawyers, nearing or at the end of their university education, to working in a pluridisciplinary and international environment. The school offers them a transformational opportunity to broaden their skills-sets in a range of fields including advanced research strategies, sustainable business planning, ethics and regulatory law.

AN ENGAGING AND INTENSIVE PROGRAMME

The school’s intensive nine-day programme is constructed around a series of industrial and societal case studies, (silver nanowire, gender imbalance in exposure levels). The curriculum includes a range of core presentations delivered by world-class experts, followed by practical workshop, laboratory and computer sessions. Students work in pluridisciplinary groups on innovation projects which involve merging design thinking, entrepreneurship and legal and regulatory issues into a business plan. At the end, participants pitch their innovation ideas to a panel of experts from industry, academia, start-ups and business incubators.

By attending SaferNano, participants will acquire thorough understanding of current and future best practice in environmental health and safety, of the challenges and opportunities inherent to marketing nano-enabled products and of current and future public-health law in key nations and at the international level.

COURSE DATES

May 26 – June 4, 2018

ONLINE COURSE INFORMATION & REGISTRATION

www.safernanodesign.eu

SCHOOL COORDINATOR

Prof. Philippe SABATIER,
Université Grenoble Alpes

MODULE COORDINATORS

ADVANCED METHODS ON NANOSAFETY :

Prof. Laurent Charlet
(Université Grenoble-Alpes)

BUSINESS DEVELOPMENT & INNOVATION :

Prof. Gonzalo León Serrano
(Universidad Politécnica de Madrid)

LAW & GUIDANCE :

Dr. Ilise Feitshans (Post-doctoral fellow
in SaferNano Design & Law)

LOCATION - ON SITE COORDINATION

European Scientific Institute
Greater Geneva (Archamps, France)

www.esi-archamps.eu

Email enquiries:

biohc@esi-archamps.eu

APPLYING TO SAFERNANO

Registration: 600€ (including tuition,
lunch, dinner and social activities).

Credits: 6 ECTS awarded by
Université Grenoble Alpes

Minimum B2 English level

Limited to 30 participants

