

## Call for papers

Abstracts for oral or poster session have to be submitted **online before July 5<sup>th</sup> 2016** at <http://www.nanosafe.org>  
Notification of acceptance: **September 15<sup>th</sup>**

Full paper are collected during the Conference and will be published after reviewing in an open access Journal

**Gala: November 8<sup>th</sup>**

## General information

Location



**Maison MINATEC**  
Parvis Louis Néel  
38054 Grenoble Cedex 9  
FRANCE

Registration  
[www.nanosafe.org](http://www.nanosafe.org)

### Full RATE

- > Before October 20<sup>th</sup>, 2016: 600 €
- > After October 20<sup>th</sup>, 2016: 750 €

### Student & NGOs

- > Before October 20<sup>th</sup>, 2016: 290 €
- > After October 20<sup>th</sup>, 2016: 390 €

### Conference language

- > English

### OPENING

- > Nanosafety research trends for the next decade impulsed by European Commission
- > Revue on nanotoxicology progress for urban and manufactured nanoparticles
- > Revue on eco-toxicity progress
- > Safer by Design: the different approaches
- > Nanomedecine: benefit/risk assessment

For further information:

[nanosafe2016@cea.fr](mailto:nanosafe2016@cea.fr)  
[www.nanosafe.org](http://www.nanosafe.org)

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**nano SAFE 16**

**PNS**  
PLATE-FORME NANO SÉCURITÉ

THE NANOSAFETY PLATFORM ORGANIZES  
THE FIFTH INTERNATIONAL CONFERENCE:  
NANOSAFE 2016

# FIFTH NANOSAFE INTERNATIONAL CONFERENCE HEALTH AND SAFETY ISSUES RELATED TO NANOMATERIALS FOR A SOCIALLY RESPONSIBLE APPROACH

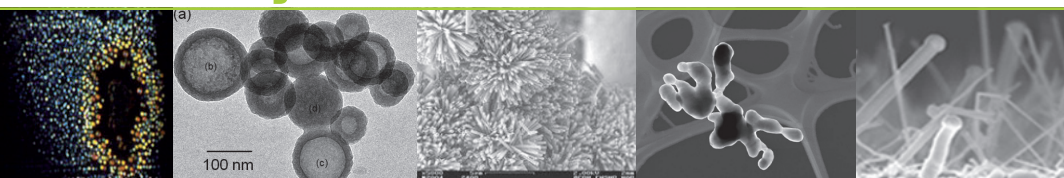
November  
**7-10** 2016

PNS/Nanosafety  
Platform  
**MINATEC**  
France  
Grenoble

[www.nanosafe.org](http://www.nanosafe.org)



# Organization



**Chair:** Francois Tardif (PNS, Fr), JF Damlencourt (PNS, Fr)  
& Frédéric Schuster (CEA, Fr)

**Co-Chair:** Georgios Katalagarianakis (EC, BE)

Local organizing committee

## The Nanosafety Platform (PNS)

Vanessa Gaultier (PNS, FR)  
Julie Dubois (PNS, FR)  
Geraldine Bonnard (PNS, FR)  
Francois Tardif (PNS, FR)  
Jean-François Damlencourt (PNS, FR)  
Philippe Charlety (PNS, FR)



International Scientific Committee

Günter Oberdörster (U. Rochester, USA)  
David Pui (U. Minnesota, USA)  
Jean Yves Bottero (Cerege, FR)  
Daniel Bernard (PNS, FR)  
Marie Carrière (PNS, FR)  
Claude Edmond (U. Montreal, CA)  
Jorge Boczkowski (Inserm, FR)  
Sophie Lanone (Inserm, FR)  
Peter Hoet (Ku Leuven, BE)  
Myriam Ricaud (INRS, FR)  
Daren Chen (U. Virginia, USA)  
Christof Asbach (IUTA, DE)  
Bernd Nowak (EMPA, CH)

Wendel Wohllenben (BASF, DE)  
Benjamin Gilbert (Berkeley, USA)  
Mark Wiesner (Duke University, USA)  
André Neel (UCLA, USA)  
Fabrice Neslany (Institut Pasteur, FR)

# Topics

## 1. Measurement and characterization of nano objects

Monitoring and sampling, new analytical and characterization tools and methods, complex media (air, water, biological fluids), dustiness

## 2. Exposure

Case studies and modeling of both engineered and incidental nano objects at work place, home, outside, confined spaces. From: manufactured products, food, cosmetics, brakes, tyres, etc.

## 3. Manufactured nano objects

### 3.1 Nano objects release from nanoproducts

In use, ageing, accidental

### 3.2 Safer by Design nanomaterials and process

Safer by Design nano object approaches, safe production process, collective and individual protections

### 3.3 Risk management

Feedback, risk assessment methodologies, best practices, occupational medicine, intervention, insurance issues

### 3.4 From Nanoproducts to waste

LCA, recycling process, waste management and disposal, incineration

### 3.5 Nano responsible development

Guidelines, socio-economic analysis, communication and training

**NEW**

## 4. Urban particles

Measurements, filtration, mitigation, nanotechnologies enhanced techniques, modeling and economic analysis

## 5. Nano objects and Health

### 5.1 Toxicology

Transformation of nano objects in target tissues, non-cellular predictive assays, dosimetric extrapolation modeling of inhaled nano objects, the central nervous system as target for inhaled nano objects, dose and dose-rate for high throughput assays

### 5.2 Environmental interactions of nanomaterials

Environmental toxicology: in-situ observation, transformation and fate

**NEW**

### 5.3 Safe use of nano objects for medicine applications

Nano objects for diagnostics, therapy and monitoring, benefit/risk evaluation, specific nano-effects, clinical cases

## 6. Regulation / Standardization

Standards for testing, sampling, measuring, simulating: nanoparticles at the work place, for consumer and in the environment

**nanoSAFE'16**

# PROGRAMME

- ▶ Invited plenary lectures
- ▶ Selected oral contributions
- ▶ Posters sessions
- ▶ Panel discussions:  
Responsible development with NGOs, Urban particles mitigation: what is reasonably possible, Nanomedicine: Benefit/risk
- ▶ Exhibition of equipment: measurement, containment, protection, etc.

- ▶ Session for Safety Manager and Plant Physicians
- ▶ Satellite meeting: CEN TC352, NANOREG2, EUROPEAN NanoSafety Cluster, etc.
- ▶ New: Urban and incidental Nanoparticles, and Nano objects for medicine applications
- ▶ For further information: [www.nanosafe.org](http://www.nanosafe.org), [nanosafe2016@cea.fr](mailto:nanosafe2016@cea.fr)

## Exhibitors

Information at: [nanosafe2016@cea.fr](mailto:nanosafe2016@cea.fr)