

# C'Nano 2020

The Nanoscience Meeting

## TOULOUSE

Centre des congrès Pierre Baudis

December, 8, 9 and 10



## Nano: health, environment & risks

(Last update: May 30<sup>th</sup>, 2020)

### Description

Nanomaterials often combine unique properties triggering high expectations for the development of new technological applications. Many of them are already produced at the industrial scale, which raises questions about potential adverse outcomes on human health, and the environment in general (from microorganisms in various ecosystems to animals and plants).

A central challenge to ensure sustainable research, production and safe use of nanomaterials is then to understand the health risks in the general population and at occupation sites, general safety for the environment, and to identify and implement practical strategies to minimize these risks.

The goal of this session is to provide an opportunity for all researchers involved in the field of nanosciences and nanotechnologies to get information about these questions and more generally on hazard characterization and risk assessment associated to these new materials, including life cycle assessment and waste management.

### Keywords

environment (ecotoxicity); hazards, safer by design; exposure (occupational, general population, environmental); risks (assessment and management); regulation; nanomaterials (including metals, oxides, organics)

### Scientific committee

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