

24TH NOVEMBER 2010
BRUSSELS, BELGIUM



international symposium

NANOTECHNOLOGY IN THE FOOD CHAIN

Registration

Registration form:
<http://www.favv-afsc.fgov.be/nanotechnology/>

Fees:
General: 125€
Students: 80€

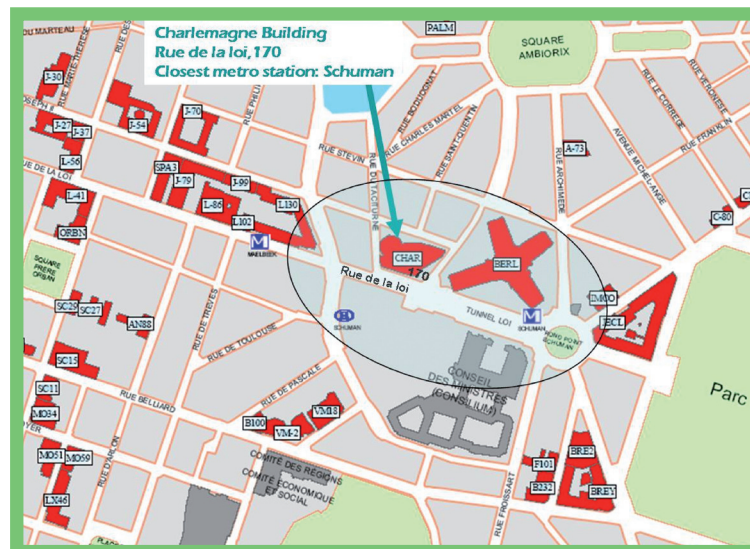
Deadline: 10th November 2010

Contact

E-mail: Nanosymposium2010@favv-afsc.fgov.be

Venue

Charlemagne Building,
170 Rue de la Loi (Wetstraat),
BE-1049 Brussels, Belgium.



More information:

<http://www.favv-afsc.fgov.be/nanotechnology/>



international symposium

NANOTECHNOLOGY IN THE FOOD CHAIN

OPPORTUNITIES & RISKS

24TH NOVEMBER 2010
BRUSSELS, BELGIUM

Organised by the Federal Agency
for the Safety of the Food Chain in the framework
of the Belgian EU Presidency





24TH NOVEMBER 2010
BRUSSELS, BELGIUM

PROGRAM

international symposium **NANOTECHNOLOGY IN THE FOOD CHAIN**

Scope

Nanosciences and nanotechnologies are highly promising and rapidly emerging areas for research and industrial innovation. Due to the remarkable physicochemical properties of manufactured nanomaterials, a number of promising applications are emerging in the areas of agriculture and food production with the capacity to impact both the food industry and consumers, but also concerns arise about their potential adverse effect on human health and the environment.

The scope of the symposium is to present the current situation regarding the applications, opportunities and risks of nanotechnology in the food chain ("from farm to fork"), with a notice for the remaining gaps in knowledge, legislation and control.

Who should attend?

The symposium will provide numerous opportunities to interact and exchange knowledge and opinions between different stakeholders, i.e. scientists as well as risk assessors & managers, industrial and consumer representatives.

Colloquium language

The presentations will be conducted in English. Simultaneous translation will be provided in French and Dutch.

Dinner

A walking dinner will be served at the lunch room near to the meeting room.

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Introduction:

A. HUYGHEBAERT (Chair Scientific Committee of the FASFC)

Theme 1:

Definitions of nanotechnology - Terminology & classification

Classification, terminology & nomenclature. Physico-chemical characteristics. Analysis & detection (issues regarding reference material, matrix interference, size, novel laboratory practices, ...).

J. BRIDGES (Chair SCENHIR)

Theme 2:

Applications of nanotechnology in the food chain

General aspects of nanotechnology applications in agriculture and food. Q. CHAUDHRY (Fera, UK)

Case 1: Nanosensors for food chain monitoring

J. LAMMERTYN (K.U.Leuven, Belgium)

Case 2: Nanotechnology in packaging and conservation

J. LAGARON (CSIC, Spain)

Case 3: Nanotechnology and food processing

M. KNOWLES

(Chair CIAA Nanotechnology expert group)

Theme 3:

Toxicological aspects of nanotechnology in the food chain

Toxicological properties (acute/chronic toxicity, genotoxicity, ...) and methodology. Toxicokinetics & -dynamics; with the focus on oral toxicology.

H. BOUWMEESTER (WUR, The Netherlands)

Hazard identification of nanomaterials in food

Y.-J. SCHNEIDER (UCL, Belgium)

Toxicodynamic aspects of nanoparticles in food

Theme 4:

Risk assessment - EFSA's point of view

Risk assessment of the use of nanotechnology in the food chain.

C. L. GALLI (Chair EFSA Nanotechnology WG)

Theme 5:

Communication, perception & participation of the consumer

Communication regarding nanotechnology and food. Consumer's expectations (on product information, etc.). Ethical considerations, social aspects.

G. GASKELL (London School of Economics, UK)

Theme 6:

Regulatory aspects (& official controls?)

Legislation at the international, European and national level (REACH, labelling, etc.) and regulatory challenges

B. VAN GOETHEM (EC DG Health & Consumers)

General discussion & Conclusions

Round-table discussion: industry – risk assessor – risk manager – consumer

Poster exhibition

Presentation of (research) projects regarding nanotechnology in the food chain

Scientific Program Committee

- L. Pussemier (Vice-President FASFC Scientific Committee, CODA-CERVA)
- P. Delahaut (FASFC Scientific Committee, CER Marloie)
- B. De Meulenaer (Ghent University)
- K. Dewettinck (FASFC Scientific Committee, Ghent University)
- J. Lammertyn (Catholic University Leuven)
- G. Maghuin-Rogister (FASFC Scientific Committee, University of Liège)
- J. Mast (CODA-CERVA)
- J.D. Piñeros-Garcet (FPS Health, Food Chain Safety and Environment)
- Y.-J. Schneider (Catholic University Louvain)
- O. Toussaint (University of Namur)
- D. Courtheyn (DG Laboratories, FASFC)
- V. Vromman (DG Control Policy, FASFC)
- W. Claeys (DG Control Policy, FASFC)
- X. Van Huffel (DG Control Policy, FASFC)
- H. Diricks (DG Control Policy, FASFC)