

Thursday, 5 March 2015

10:30–10:50 a.m.

Welcome/Introduction

Professor Dr Dr Andreas Hensel,
Federal Institute for Risk Assessment (BfR)

I Status Quo in Application, Research and Regulation

Chair: Dr Karl-Heinz Haas

10:50–11:15 a.m.

Regulation of Nanomaterials in Consumer Products

Prof Dr Dr Andreas Luch (BfR)

11:15–11:45 a.m.

Status of the Industrial Use of Nanomaterials

Dr Karl-Heinz Haas, Fraunhofer Institute for Silicate Research (ISC)

11:45–12:15 p.m.

The Safety of Nanomaterials on OECD Level

Dr Peter Kearns, Organisation for Economic Co-operation and Development (OECD)

12:15–12:45 p.m.

The EFSA Guidance on Nanomaterials

Dr Reinhilde Schoonjans, European Food Safety Authority (EFSA)

12:45–2:00 p.m. Lunch

2:00–2:30 p.m.

Nanodefinition and Nanoanalytics – The Nanodefine Project

Dr Hubert Rauscher,
Joint Research Centre (JRC)

II Characterisation and Exposure of Nanomaterials

Chair: Dr Peter Laux

2:30–3:00 p.m.

Release of Nanoparticles From Consumer Products

Dr Jutta Tentschert (BfR)

3:00–3:30 p.m.

Migration Potential of Nanomaterials in Food Contact Plastics

Dr Angela Störmer, Fraunhofer Institute for Process Engineering and Packaging (IVV)

3:30–4:00 p.m.

Methods for the Quantitative Analysis of Nanoparticles in Biological Samples

Dr Norbert Jakubowski, Federal Institute for Materials Research and Testing (BAM)

4:00–4:30 p.m. Coffee break

4:30–5:00 p.m.

New Analytical Methods for the Characterisation of Nanocomposites

Dr Uwe Mühle, Fraunhofer Institute for Ceramic Technologies and Systems (IKTS)

5:00–5:15 p.m. Discussion

Friday, 6 March 2015

9:00–9:10 a.m.

Summary of the First Day

Professor Dr Dr Alfonso Lampen (BfR)

III Toxicology

Chair: Professor Dr Dr Alfonso Lampen

9:10–9:40 a.m.

Inhalation Toxicology

Dr Otto Creutzenberg, Fraunhofer Institute for Toxicology and Experimental Medicine (ITEM)

9:40–10:10 a.m.

Accumulation and Distribution of Nanoparticles *in vivo* after Inhalative Exposure – First Results of the EU Project NanoREG

Dr Peter Laux (BfR)

10:10–10:40 a.m.

Does the Solubility of Nanomaterials Determine Enrichment and Toxicological Properties? The German-French Research Project SolNanoTox

Dr Valérie Fessard, French Agency for Food, Environmental and Occupational Health Safety (ANSES)

10:40–11:15 a.m. Coffee break

11:15–11:45 a.m.

Considerations on Risk Assessment for Nanomaterials with Respect to the Environment

Dr Kerstin Hund-Rinke, Fraunhofer Institute for Molecular Biology and Applied Ecology (IME)

11:45–12:15 p.m.

Cellular Effects of Nanoparticles – The Role of the Protein Corona

Dr Andrea Haase (BfR)

12:15–1:00 p.m. Lunch

IV Risk Communication and Technological Impact Assessment

Chair: Dr Axel Thielmann

1:00–1:30 p.m.

Nanoview – Perception of Nanotechnology by the German Population and by the Media

Dr Astrid Epp (BfR)

1:30–2:00 p.m.

Potential and Acceptance of Nanotechnology

Dr Axel Thielmann, Fraunhofer Institute for Systems and Innovation Research (ISI)

2:00–2:30 p.m.

Stakeholders' involvement in risk assessment: the example of the ANSES dialogue committee on "Nanomaterials & Health"

Dr Régine Boutrais, French Agency for Food, Environmental and Occupational Health Safety (ANSES)

2:30–3:00 p.m.

Final Discussion/Closing Remarks

Professor Dr Dr Andreas Hensel (BfR)

1st Joint Symposium on Nanotechnology

Together with the Fraunhofer “Food Chain Management” Alliance and the Fraunhofer Alliance “Nanotechnology”, the Federal Institute for Risk Assessment (BfR) organises the 1st Joint Symposium on Nanotechnology on 5–6 March 2015.

The integration of nanomaterials along the entire value chain creates new challenges and requires new approaches in terms of design, testability, reliability, and safety.

The BfR is active in an interdisciplinary approach towards the characterisation of nanomaterials, in regulatory toxicology as well as in risk perception and risk communication of nanotechnology. The Fraunhofer Alliance “Nanotechnology” is not only engaged in applied research and industrial applications but also addresses toxicity and safe handling of nanomaterials. The Fraunhofer “Food Chain Management” Alliance investigates the effectiveness and the environmental properties of nanomaterials.

Within the scope of the two-day event, the *status quo* in application, research, and regulation will be presented. Besides the characterisation, the toxicology of nanomaterials will be in the focus. Furthermore, the societal acceptance of nanotechnology will be discussed.

Venue

Federal Institute for Risk Assessment (BfR)
Auditorium
Diedersdorfer Weg 1
12277 Berlin, Germany

Navigation to the sketch in the internet:

www.bfr.bund.de/en

- > The Institute
- > Facts and Figures
- > Locations
- > Location Marienfelde

Destination (www.bahn.de > [English Version](#))
“Nahmitzer Damm/Marienfelder Allee, Berlin”



Registration

This event is open to the public and free of charge, however, registration is necessary.

Please register by **15th February 2015** using the internet form under menu item “Events” on www.bfr.bund.de/en/events.html

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FEDERAL INSTITUTE FOR RISK ASSESSMENT

1st Joint Symposium on Nanotechnology



Nanomaterials and Nanoparticles:
Application, Research
and Regulation
Risk Assessment
and Risk Communication

5–6 March 2015, Berlin

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Bundesinstitut für Risikobewertung