From Nano- to Advanced Materials: Lessons learnt in InnoMat.Life

Date: **Monday, 27.06.2022 - Tuesday, 28.06.2022**
Location: **German Federal Institute for Risk Assessment (BfR)**
Location Marienfelde, Big Lecture Hall
Diedersdorfer Weg 1, 12277 Berlin

Day 1: 27.06.2022

12:00	Registration	
13:00	Welcome	
Approaching advanced materials: InnoMat.Life in a nutshell		
13:15 13:45	Highlights of InnoMat.Life	Andrea Haase, BfR
Environmental Testing and Assessment Strategies for advanced materials *Session Chair: Burkhard Stahlmecke, IUTA and Kerstin Hund-Rinke, IME*		
13:45- 15:30	*Invited Guest* Similarity assessment of nanomaterials within a risk assessment framework	Willie Peijnenburg, RIVM
	Lessons learnt from Daphnia	Dana Kühnel, UFZ
	Lessons learnt from Algae	Kerstin Hund-Rinke, IME
	Overall Discussion	
15:30- 16:00	**Coffee Break**	
Human Testing and Assessment Strategies: Fibres *Session Chair: Andrea Haase, BfR and Dirk Brossell, BAuA*		
16:00- 18:00	*Invited Guest* Physicochemical predictors of high-aspect ratio nanomaterial toxicity	Ulla Vogel, NRCWE
	Challenges for fibre aerosolization and classification	Dirk Brossell, BAuA
	On the search of fibre-specific in vitro responses	Martin Wiemann, IBE
	Towards an overarching testing and assessment scheme	Andrea Haase, BfR
	Overall Discussion	

Conference Dinner (at own cost)

Day 2: 28.06.2022

9:00	Welcome	
Human Testing and Assessment Strategies: Polymer Particles *Session Chair: Carmen Wolf, IUTA and Wendel Wohlleben, BASF*		
9:00-11:00	*Invited Guest* Understanding human exposure and health hazards of micro- and nanoplastic particles	Raymond Pieters, UU
	Assessing the carrier hypothesis: Adsorption & Desorption of persistent organic pollutants	Alexander Roloff, BfR
	Assessing the carrier hypothesis: Outcome from in vitro & in vivo studies	Roland Buesen, BASF
	Towards an overarching testing and assessment scheme of polymer hazard and polymer life cycle	Wendel Wohlleben, BASF
	Overall Discussion	
11:00-11:30	**Coffee Break**	
Advanced Manufacturing and lessons learnt for other advanced materials		
11:30	Releases during 3D printing of polymer and metal parts by selective laser sintering	Burkhard Stahlmecke, IUTA
	How to approach materials with complex composition and/or morphologies	Wendel Wohlleben, BASF
	Overall Discussion	
12:30 13:30	**Lunch**	
13:30 15:00	**Poster Session** *(we welcome abstract submissions from all registrants)*	
Lessons learnt and further challenges for Advanced Materials		
15:00 16:00	Podium Discussion	

16:00 End of the Meeting

How to reach BfR?

Arrival by rail and public transport
Due to the many options and possible disruptions, we recommend that you go to www.bahn.de, www.bvg.de or the mobile app of your choice to get an up-to-date connection overview, destination stop: "Nahmitzer Damm/Marienfelder Allee (Berlin)". From this stop, a footpath runs between the trees past a car park to the Institute (see sketch). The Institute cannot be seen directly from the bus stop.

From the city centre: For example from Bahnhof Friedrichstraße with the S-Bahn (urban railway) S 2 in the direction of Blankenfelde to Buckower Chaussee, change to Bus X11 or M11 on the opposite side of the street and get off at the bus stop Nahmitzer Damm/Marienfelder Allee (travel time approximately 30 minutes).

From the airport BER (Terminal 1-2): For example with the S-Bahn (urban railway) S9 to the station Waßmannsdorf, change to Bus 743 in the direction of Lichtenrade to bus stop Taunusstraße, change to Bus X83 in the direction of Königin-Luise-Straße/Clayallee and get off at the bus stop Nahmitzer Damm/Marienfelder Allee (travel time approximately 40 minutes).

From the airport BER (Terminal 5): For example with the Bus X71 in the direction of Alt-Mariendorf to the bus stop Mariendorfer Damm/Buckower Chaussee, change to Bus M11 in the direction of Dahlem-Dorf and get off at the bus stop Nahmitzer Damm/Marienfelder Allee (travel time approximately 45 minutes).

Further possibilities at www.bvg.de

By car
The Institute in Marienfelde is situated on Bundesstraße 101 (Marienfelder Allee) in the southern outskirts of the city. It cannot be seen directly from the street (see sketch). Please use a navigation system if possible. Parking spaces are available.