NAN®-Transfer

Fate, occurrence & behaviour

- Degradation of C-MNMs
- Mesocosm studies
- Mixture studies
- Degradation products

Bioaccumulation

- In estuarine systems
- In stream systems
- In lake systems
- Different consumers



Cell experiments & OMICS



- ➤ qPCR
- Receptor analysis
- Calux
- **AMES & YES**

Case studies: fate & ecotoxicity

- Algae, fish, water fleas
- Sediment & blackworms
- Biofilm & snails
- Plankton & mussels





Call for Abstracts:

15.08.2017

Registration: www.nano-transfer.eu





Why a conference?

Various nanomaterials – and particles are used in many products in our daily life.

In all trophic levels such small particles have been already detected, but appropriate methods of detection and assessment of their effects still need to be developed and improved.

The aim of the conference is the international presentation of the results of the ERA-SINN project NANO-Transfer. Furthermore, different regarding presentations and posters nanoparticles and microplastics will be shown.

As part of an international winter school, PhD candidates and students learn methods for the detection of fate and effects of nanoparticles.

Some of the questions and topics focused on at this conference include:

What are the newest detection methods?

possible to analyze bioaccumulation and biomagnification?

How could micro- and mescocosm studies help to analyze the effects on environmental systems?

Which steps are necessary for an international comparison of the results?

This and many more questions and topics will be discussed at the NANO-Transfer conference in Aachen (19.10.2017 - 20.10.2017).

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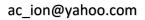
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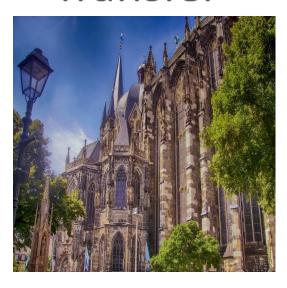


For further information please visit:

www.nano-transfer.com

Nano particles and Microplastics Small particles with huge effects?

NAN®-Transfer



International Conference & Winter School

19.- 20.10.2017

Aachen





