

# NANO-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](http://www.nano-transfer.eu)

### Registration Fees

	Regular
until 01.08.2017	70 €
until 05.10.2017	70 €

\* for students and PhD candidates

**Location has been changed!**  
Otto-Bayer-Saal room 38 B 418  
Worringer Weg 1, 52074 Aachen,  
RWTH Melaten Süd Campus  
52062 Aachen,



## 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 presentations and posters regarding 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?**

**How is it possible to analyze bioaccumulation and biomagnification?**

**How could micro- and mesocosm 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).

## Project Partners

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## Do you want to know more?

### Local Organization Committee

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For further information please visit:

[www.nano-transfer.com](http://www.nano-transfer.com)

Nano particles and Microplastics  
Small particles with huge effects?

# NANO- Transfer



International Conference  
& Winter School

19.- 20.10.2017

Aachen

