

How to find UFZ:



By road

On the A14 motorway, take the exit marked "Leipzig-Ost" and head towards Stadtzentrum (City Centre).

By rail

From Leipzig Central Station, take the No. 3/3E (Direction "Sommerfeld" or "Taucha"). After about 15 minutes alight at stop "Torgauer/ Permoserstraße", cross the street and take the street Permoserstraße in eastern direction. After about 200 metres you will find the main entrance of the UFZ.

By plane

From Leipzig/Halle Airport, take the train (regional express) to the Leipzig Central Station (3,20 Euros one-way). From the Central Station, take No. 3 (heading for "Sommerfeld") or No. 13 (heading for "Taucha")

By taxi

A taxi from Leipzig Central Station to the UFZ will cost about EURO 13.
The fare from Leipzig-Halle Airport is about EURO 42.

For more details : <http://www.ufz.de/index.php?en=34272>

First announcement

NORMAN workshop and WG 3 meeting

Multivariate statistical approaches to link chemical signals to effects

Organised by

The NORMAN Association Working Group 3 "Effect-directed analysis
for hazardous pollutant identification"

and

UFZ – Helmholtz Centre for Environmental Research (Germany)

24-25 January 2017

UFZ – Helmholtz Centre for Environmental Research (Germany)

Deadline for registration

1 December 2016

Background & Objectives

EDA and related approaches to identify toxicants causing measurable effects are of increasing relevance for monitoring and the identification of River Basin Specific Pollutants. Multivariate statistics are gaining importance in this context in classical HT-EDA as well as in the so called “virtual EDA” where multivariate statistics are used as a kind of “virtual fractionation” to isolate chromatographic peaks that co-vary with effects in bioassays. The latter has the potential to make use of non-target screening data together with effect-based monitoring for large amounts of samples gained in surveys. The routine application of these approaches needs extensive exchange of experience and methods.

This workshop is a dual purpose event. The first afternoon is a general information and discussion session about Workshop with invited experts in the field of multivariate statistics and chemometrics as well as from non-target screening and effect-based screening to identify opportunities and pitfalls for virtual EDA. The presenters will use a common dataset to demonstrate their own workflows. The goal will be the drafting of a first guidance paper in this field under the NORMAN umbrella.

The second day, the meeting of the NORMAN Working Group 3 – Effect-directed analysis for hazardous pollutants identification will take place. In the first part, we want to discuss the implications of the virtual EDA on future NORMAN activities. The second part is regarded to general topics and presentations on recent results in EDA.

Invited experts in the field of chemometrics, non-target screening and effects based analysis are:

Henrik Antti from Umeå University, Sweden

Beate Escher from UFZ, Germany

Olav Martin Kvalheim from Bergen University, Norway

Emma Schymanski from Eawag, Switzerland

Mark Viant from University of Birmingham, UK

Date and Venue

The workshop will take place on 24-25 January 2017 at building 1.0, room 254 in the first floor at UFZ – Helmholtz Centre for Environmental Research (see reverse)

The rooms will be signposted.

NORMAN Association

The Network of reference laboratories and research centres for monitoring emerging environmental pollutants (NORMAN) is an independent and competent platform in the field of emerging pollutants. NORMAN facilitates an exchange of information, debate and research collaboration at the global level, with official recognition from institutional agencies of the EU.

Contact

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Tentative Program

Tuesday 24 January

Virtual EDA – an approach to link chemical signals to effects in silico

11:30 – 13:00	Lunch
13:00	Welcome
13:10 – 15:30	Presentations + Active Discussion
15:30 – 16:00	Coffee break
16:00 – open end	Presentations + Active Discussion
Evening	Common dinner , location to be announced at the workshop

Wednesday 25 January

Meeting of NORMAN Working Group 3

09:00 – 10:30	Virtual EDA and NORMAN – Implications + Active Discussion
10:30 – 11:00	Coffee break
11:00 – 13:00	Presentations of recent developments in EDA and discussion of the future activities of the working group
13:00 – 13:30	Lunch

Presenters and ideas for the WG3 meeting are welcome. Please contact us in advance with your ideas. All workshop attendees are invited to join the WG3 meeting.

Organisers:

UFZ: Tobias Schulze, Meliz Muz, Werner Brack

Registration, lunch break and dinner

The workshop is free. Refreshments during the coffee breaks will be provided by UFZ. The lunch and the common dinner in the evening will be paid by the attendees.

Deadline for registration is **1 December 2016**.

Please register through the website: <http://www.ufz.de/index.php?en=41780>