**NORMAN Workshop** on **Artificial Intelligence for environmental monitoring and assessment of chemicals and their mixtures**

21-22 October 2024, **Leipzig**, Germany (hybrid)

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Date: 21-22 October 2024 (from 1 pm on Day 1 until 3 pm on Day 2 - CET)

Venue: UFZ, Leipzig

**Objective of the workshop**

With this workshop we aim to gather **perspectives and address the needs** related to AI-based methods in environmental monitoring. Our target audience includes interested stakeholders from research communities to industry and regulation.

**Thematic group discussions** will be organised to explore key areas where AI can play an essential role, including (but not limited to):

* target and non-target screening for characterisation of chemical mixtures and toxicity drivers in time and in space,
* the derivation of quantitative exposure data,
* the prediction of environmental effects,
* data mining to extract valuable information from large datasets,
* harmonisation of QA/QC metrics to benchmark and evaluate AI-based methods.

At the workshop, selected **AI-based use cases** in chemical monitoring and assessment from NORMAN partners and beyond will be presented.

Ultimately, our goal is to initiate an **AI strategy for the NORMAN network**.

**Agenda: will be available soon**

**Registration (???)**

**How to reach the venue / suggestion on hotels**