

“Mass spectrometric approaches to study contaminants in the environment and in biota: particles, highly polar compounds and transformation products”



Prof. Dr. Thorsten Reemtsma

Helmholtz Centre for Environmental Research-UFZ,
Leipzig, Germany

Date: 18th November 2019 (Monday)

Time: 05:30 p.m.

Venue: Research Building Department „Life, Light & Matter“
of the Interdisciplinary Faculty of the University of Rostock,
seminar room 110, A.- Einstein-Str. 25, 18059 Rostock

Abstract

Mass spectrometry is the inevitable tool in environmental (analytical) chemistry. Techniques ranging from LA-ICP-MS over LC-MS/MS and LC-HRMS to FTICR-MS are used in and adapted for our research, alone and in combination. We are using them to learn about contaminants, their occurrence and fate but also to learn about transformation processes in natural and technical systems, from natural rivers to wastewater and biota. The presentation will highlight some of the recent activities of the Department, possibly on natural organic matter, highly polar organic contaminants, transformation processes and tire and road wear particles.

Short CV

Thorsten Reemtsma is Professor for Analytical Chemistry at the University of Leipzig and Head of the Department of Analytical Chemistry at the Helmholtz Centre for Environmental Research. After studying chemistry in Berlin and Hamburg he started his research career in marine biogeochemistry and continued in water chemistry and treatment, in close cooperation with engineers at TU Berlin. In 2009 Thorsten Reemtsma became Appl. Professor for Environmental Chemistry at TU Berlin before he moved to Leipzig in 2011.

All interested are welcome

Link to presentation: <https://webconf.vc.dfn.de/r6hep1d33xlg/>

For further information please contact Prof. Dr. Ralf Zimmermann (E-Mail: ralf.zimmermann@uni-rostock.de) or his secretary Mrs. Christin Kühl (E-Mail: christin.kuehl@uni-rostock.de/ Tel. [+49\(0\)381498 6527](tel:+49(0)3814986527)).