

## **4D-xOmics: Latest developments on trapped ion mobility (TIMS) in the field of metabolomics and lipidomics**

Speaker:

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Matthias is an Application Specialist for metabolomics and lipidomics at Bruker Daltonics GmbH & Co. KG. He joined the company in 2013 and is acting as a demo scientist for ESI applications on the timsTOF series.



Abstract:

The timsTOF series together with the VIP-HESI ion source enables highest sensitivity and deeper insights for a broad range of applications using trapped ion mobility. This is achieved by the scan mode PASEF which leads to more and cleaner number of MS/MS spectra, CCS value determination and the potential to resolve isomeric pairs.

In this webinar, we provide an introduction of the TIMS technology and efficient data handling.

We will highlight the capabilities of the timsTOF platform and introduce new applications, method developments and software solutions in the field of metabolomic/lipidomics which help gain faster and deeper understanding into disease as well as agricultural research.