Seminar series

Many Sides of Analytical Chemistry

26th of November 2021 at 14:00.

https://stockholmuniversity.zoom.us/j/61124152641

Emma Marsden-Edwards

Development and commercialization of high resolution Mass Spectrometers

High Resolution Mass Spectrometry (HRMS) has revolutionized analytical science. However, increasing sample complexity requires instruments more capable of confident identification, with increased speed and accuracy of detection. Increasingly, we need to consider not only "what" and "how much" of a component is in a sample, but also "where." Emma will explain how the Waters Advanced MS team develops new mass spectrometers that help answer customers' challenges and provide a behind-the-scenes look at what it takes to successfully launch a new MS product.

Dr. Emma Marsden-Edwards is the Product Manager for the Advanced Mass Spectrometry Technologies (AMST) team at Waters Corporation, Wilmslow, UK. Emma joined Waters as QTof Test and Installation engineer before embarking on a Ph.D. in Analytical Chemistry/Mass Spectrometry, at the University of York. On completion of Ph.D. she returned to Waters as a Metabolic Profiling Marketing Manager, a role that started out predominantly lab-based but soon progressed to business development. Seeking new challenges, she left Waters and held various roles in sales and marketing before returning to Waters in 2014 as the SYNAPT and Vion Product Manager. In 2018 she joined the newly formed AMST team looking after the SELECT SERIES of products.

Riin Rebane

What you should know about IP and technology transfer?

There will be an introduction to intellectual property, how you may create it, how to protect it and how to commercialize IP. In addition, there will be a short overview of what the technology transfer process includes, why it is necessary and what are some of the main aspects to consider when choosing your IP management strategy. a

Riin acquired a Ph.D. in analytical chemistry from the University of Tartu where she now teaches, and she is also the head of research and development in the Estonian Environmental Research Centre. After receiving a master's degree in law in 2020 with a focus in intellectual property, she is working towards being a technology transfer expert in Enterprise Estonia. She is a LifeArc-AUTM fellow, a program designed for scientists interested in the technology transfer career.