IMS Symposium 2023

Registration & Scientific Program

We are delighted to announce the **IMS Symposium 2023**, organized in partnership with Agilent Technologies and MOBILion Systems. This event will take place on September 26th, 2023, at the University of Natural Resources and Life Sciences Vienna.

Date: Tuesday September 26th, 2023 (9:30-17:00)

Location: Armin-Szilvinyi-Haus, Muthgasse 18, Lecture Hall HS 01

To register: https://bokuvienna.zoom.us/meeting/register/u5cqde-grz8tE9SIPfrjBm6y631kpyCDPwBb

The IMS Symposium will bring together speakers with extensive research experience in modern ion mobility spectrometry (IMS) and IM-MS to present many of the latest research developments with modern instrumentation for the analysis of small and large (bio)molecules.

A key focus will be the European debut of the MOBIE® platform featuring *structures for lossless ion manipulation* (SLIM) technology for high-resolution IM-MS from MOBILion Systems. The launch will encompass an introduction to the theory of this new technology, live demos, and practical applications.

Thanks to generous sponsorship of Agilent Technologies and MOBILion Systems, participation in the IMS Symposium 2023 comes at no cost, and delegates will enjoy complimentary lunch and coffee breaks.

Tim Causon & Stephan Hann
Organizers
University of Natural Resources and Life Sciences Vienna
Department of Chemistry
Institute of Analytical Chemistry
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A-1190 Vienna, Austria

IMS Symposium 2023: Scientific Program

09:30	**Registration + Coffee**	
10:00	*Welcome*	
10:10	**Sarah Cianferani** *Université de Strasbourg/CNRS, France*	Ion mobility-mass spectrometry and collision induced unfolding approaches for the characterization of biotherapeutics
10:35	**Javier Sastre Toraño** *Utrecht University, The Netherlands*	Exact glycan structure identification with DTIMS-MS
11:00	**Florian Meier-Rosar** *Universitätsklinikum Jena, Germany*	Scalable and sensitive analysis of protein post-translational modifications with TIMS and PASEF
11:25	**Hannah Florance** *Agilent Technologies*	Enhanced mAb characterization using new tools on Agilent 6560C
11:50	**Perdita Barran** *The University of Manchester, United Kingdom*	Mobilising ion mobility for unmet needs in medicine and biology
12:15	**Lunch**	
13:15	**Karl Mechtler** *Research Institute of Molecular Pathology, Vienna Biocenter, Austria*	Is it possible to analyze 6000 proteins with a CV < 10 % from a single cell proteomics standard?
13:40	**Richard Knochenmuss** *RKResearch GmbH, Switzerland*	Resolution enhancement in multiplexed drift tube IMS
14:05	**Pascal Miéville** *École polytechnique fédérale de Lausanne (EPFL) - Swiss CAT+, Switzerland*	IMS, a tool for digital chemistry
14:30	**Tim Causon** *University of Natural Resources and Life Sciences Vienna, Austria*	New insights and opportunities with IM-MS
14:55	**Coffee**	
15:25	**John Fjeldsted** *MOBILion Systems, USA*	Next Generation Advancements in High Resolution Ion Mobility Separation
15:45	**Frederick Strathmann** *MOBILion Systems, USA*	MOBILion - Revealing What Others Leave Unseen
16:55	*Closing comments*	
17:00	**End of program**	