



Professor Dr. Ron Heeren; AMOLF, Amsterdam

”MS Imaging Targets the Clinic”

In 1992, Ron Heeren got his PhD in 'Technical Physics', University of Amsterdam. He then worked as a Post Doc for 2 years (FTICR-MS) before he started as a project leader for MOLART at the FOM Institute for atomic and molecular physics. In 1999 he established a research group that focused on the use of High Resolution-MS (HR-MS) in macromolecular ion physics and the establishment of Imaging MS at AMOLF.

Ron Heeren was also in 2009 invited speaker (13 Norwegian MS-meeting). He then presented the lecture: 'Seeing is believing: High Resolution Imaging Mass Spectrometry of cells and tissues'.

Since 2009 there has been a constant and exciting developments in this area. It comes both regarding ionization techniques, various MS instrument configurations and clinical applications. This type of technology provides information on the biological complexity of biological surfaces, and how the development has been both with respect to the spatial resolution and the application of various HR-MS techniques.

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