

## Short Biography Prof. Dr. Ron M.A. Heeren



Prof. Dr. Ron M.A. Heeren obtained a PhD degree in technical physics in 1992 at the University of Amsterdam on plasma-surface interactions. He was the research group leader at FOM-AMOLF for macromolecular ion physics and biomolecular imaging mass spectrometry. In 2001 he was appointed professor at the chemistry faculty of Utrecht University lecturing on the physical aspects of biomolecular mass spectrometry. In the period 1995-2018 he has been developing innovative approaches for high spatial resolution and high throughput molecular imaging mass spectrometry using Secondary Ion Mass Spectrometry and Matrix Assisted Laser Desorption and Ionization. He was the research director for emerging technologies within the Netherlands Proteomics Centre from 2008-2013. In 2012 he co-founded Omics2Image B.V., a company focused on bringing innovative ion detector technology to the analytical market. In 2014 he was appointed as distinguished professor and Limburg Chair at the University of Maastricht. He is scientific director of M4I, the Maastricht MultiModal Molecular Imaging institute and heads the division of imaging MS. He is the elected treasurer and executive board member of the international mass spectrometry foundation and serves on various editorial boards of peer-reviewed journals. He is and has been active in many professional societies to advance mass spectrometric research, education and professionalization.

His academic research interests are mass spectrometry based personalized medicine, translational molecular imaging research, high-throughput bioinformatics and the development and validation of new mass spectrometry based proteomic imaging techniques for the life sciences.