



27th meeting of the Belgian Society for Mass Spectrometry

- 9h00** **Coffee & welcome**
- 9h30 Opening
- 9h35 *Mass Spectrometry for Mechanistic Studies in Chemical Reactions*
Prof Marianne Engeser – University of Bonn
- 10h20 *A case study of aptamer-target complexes characterization by kinetic capillary electrophoresis and ion mobility mass spectrometry*
Hajjar Zeina – University of Liège
- 10h40 *Optimization of a liquid chromatography tandem mass spectrometry method for the enantioselective analysis of amino acids using a chiral derivatization reagent*
Cinzia Lella – Vrije Universiteit Brussel
- 11h00** **Coffee & networking**
- 11h25 Flash presentations (2 min/speaker – *best poster award candidates*)
Jelle Verdonck – KU Leuven
Emma Piplart – University of Mons
Linus Donvil – Vrije Universiteit Brussel
Lisa Mussoi – University of Mons
Eva Seyssens – University of Liège
Pauline Blanckaert – University of Mons
Ruth Kamguem Kamga – University of Mons
Saral Bilal – Vrije Universiteit Brussel
Louis Groignet – University of Mons
Lena De Hondt – Vrije Universiteit Brussel
Thomas Robert – University of Mons

- 11h55 Sponsor presentations (5min/speaker)
- Waters
- Bruker
- Agilent
- Msvision
- Thermo
- Sciex
- Leco
- 12h30 Lunch, networking & posters
- 13h40 *Hydrogen/ Deuterium exchange coupled to Mass Spectrometry - A multifaceted tool to study membrane proteins*
- Prof Chloé Martens** – Université Libre de Bruxelles
- 14h25 *Phenylazothiazole photoswitches on macromolecules for solar energy storage : photoisomerization and thermal back isomerization kinetics by MS*
- Gwendal Henrard** – University of Mons
- 14h45 *HILIC-MS/MS-Based Strategy for Quantitative Amino Acid Profiling in Multiple Biological Matrices and Its Application in Kidney Disease Biomarker Discovery*
- Xiongwei Yin** – KU Leuven
- 15h05 Coffee & networking
- 15h35 *Analyzing Protein Folding Dynamics Using Multi-Dimensional Varying Coefficient Models*
- Jürgen Claesen** – Amsterdam UMC
- 15h55 *Structural Characterization of Dimeric Perfluoroalkyl Carboxylic Acid Using Experimental and Theoretical Ion Mobility Spectrometry Analyses*
- Aurore L. Schneiders** – University of Liège
- 16h15 Poster award & closing ceremony
- 16h25 Farewell