

IMSS - Irish Mass Spectrometry Society

Annual Conference, Wednesday 9th of May, 2018

Moran's Red Cow Hotel, Naas Road, Dublin 22

Registration fee: €30, e-mail contact@imss.ie to register.

Web: www.imss.ie

LinkedIn: <https://www.linkedin.com/groups/8435142> twitter: @imssie

facebook: www.facebook.com/IMSSie

- 08:30-09:30 **Registration and Breakfast**
- 09:30-10.30 **Keynote speaker** – Prof Ron Heeren *Imaging structures at surfaces in biomedicine and biomaterials* ‘ Director M4I, Division Head Imaging Mass Spectrometry, Maastricht University
- 10:30-10.45 **AGM**
- 10.45 -11:15 **Break**
- 11:15-11.45 *‘Untargeted profiling of cold stress in perennial ryegrass using the QTOF 6550’* Nadia Lamari, School Of Biology & Environment Science, University College Dublin.
- 11.45-12.10 *‘Extending the dynamic range of multi analyte LC-MS-MS methods using isotopes’* Ms. Orla Gogarty - Medical Bureau of Road Safety.
- 12:.10-12.35 *‘Comparison of vitamin D₃, vitamin D₂, 25-hydroxyvitamin D₃, and 25-hydroxyvitamin D₂ concentrations in Irish milk and beef from pasture versus indoor total mixed ration-fed cattle using an isotope dilution UPLC-MS/MS method’* Kirsten Dowling PhD candidate, UCC.
- 12.25 – 13.00 *‘Identification and Structural Elucidation by Peptide Sequencing of Impurities by 2DLC-MS/MS’* Mr. Peter Smith – Senior analytical chemist ALMAC
- 13:00-14:00 **Lunch**
- 14:00-14:30 *‘A novel nanoflow LCMS approach for bottom up Proteomics using micro array pillar columns (uPAC)’* - Dr. Paul Jacobs, COO Pharmafluidics.
- 14:30-14.50 *‘Use of LC-MS to assist organic synthesis and determine and confirm organic reaction mechanisms’* Ms Mariana Gavendova, PhD candidate WIT
- 14:50-15:25 *‘HRAM Mass Spectrometry – is this the future of pesticide residue analysis?’* Dr. Jim Garvey – Dept. of Agriculture.
- 15:25-15.45 *‘Validation of a HS-SPME GCMS method for the quantification of volatiles associated with lipid oxidation in whole milk powder using response surface methodology’* Ms. Holly J. Clarke, Teagasc, PhD candidate, UCC
- 16:10-17.00 **Meeting Close – after meeting Drinks/Networking**