Last update: 31 March 2026

PROGRAM

DAY 1 - MONDAY, APRIL 27TH

11:00 **Badge pick up open**

12:00 *Lunch*

14:00 **INV-1 - Two decades of Orbitrap Mass Spectrometry as a mainstream technology for high-resolution Accurate Mass Analysis**
Invited lecture
A. Makarov
Thermo Fisher Scientific - Bremen (DE)

14:30 **#05** - Automated sample classification, calibration, molecular formula assignment, and statistical verification of ultra-complex FT-ICR Mass Spectrometry data streams
R. Rodgers[1], T. Potu[2], L. Babcock-Adams[1], C.L. Hendrickson[1], M.L. Aguilera[1], A.J. Tello-Rodriguez[1], C. Rüger[3], C.R. Weisbrod[1], M. Sueur[4], P. Giusti[4], G.S. Vallverdu[5]
[1] National High Magnetic Field Laboratory - Tallahassee (US) [2] Florida State Univ. - Tallahassee (US)
[3] Univ. Rostock (DE) [4] TotalEnergies Research and Technology - Harfleur (FR)
[5] Univ. Pau et des Pays de l'Adour - Pau (FR)

15:00 **#11** - Ion dynamics and methodological optimization for Orbitrap isotope ratio analysis of complex organic acid mixture
H. Gontijo Machado
Univ. Estadual de Goiás - Goiânia (BR)

15:30 **#01** - Experimental tests for non-covalent interactions in large molecules: a case of substituted pyridinium ions
A. Tsybizova[1], G. Vladimir[2], C. Peter[3]
[1] Sorbonne Univ., IPCM - Paris (FR) [2] Univ. Basel, Department of Chemistry - Basel (CH)
[3] ETH Zurich, Department of Chemistry and Applied Biosciences - Zurich (CH)

16:00 *Break (30')*

16:30 **INV-2 – Advancing top-down proteomics for comprehensive characterization of protein complexes and proteoforms**
Invited lecture
R. Chan, M.S. Fischer, D.S. Roberts, E.A. Chapman, E.J. Larson, S.J. McIlwain, Y. Ge
Univ. Wisconsin-Madison (US)

17:00 **#20** - Coupling trapped ion mobility with two-dimensional mass spectrometry to analyze complex organic matter on the new 18 T timsMRMS
M. Van Agthoven[1], J. Maillard[2], M. Sueur[1], S. Ollivier[1], C. Wootton[3], M.A. Delsuc[4], P. Giusti[2], C. Afonso[5]
[1] Univ. Rouen-Normandy - Mont-Saint-Aignan (FR)
[2] TotalEnergies Research and Technology Gonfreville - Harfleur (FR)
[3] Bruker Daltonics - Bremen (DE)
[4] IGBMC - CNRS UMR 7104 - INSERM U 1258 – Univ. Strasbourg - Illkirch-Graffenstaden (FR)
[5] Univ. Rouen-Normandy - Harfleur (FR)

17:30 Flash poster talks

18:00 Normandy and the heritage of William the Conqueror, by **J-G. Guyant**

18:30 Mixer and welcome reception and poster set up

DAY 2 - TUESDAY, APRIL 28TH - MORNING

09:00 **INV-3 – High resolution mass spectrometry in a spatial context**
Invited lecture
R. Heeren
M4I, Univ. Maastricht (NL)

09:30 **#38** - Sulfur as a source of dark matter in proteomics: roles of mass accuracy and fragmentation pathways
K. Hakansson[1], K.L. Wu[1], M. Polak[2], M.M. Youssef[3], E.R. Noche[1], S.A. Defiglia[1], S.D. Dunham[2], C.R. Weisbrod[2], L.C. Anderson[1]
[1] NHMFL/Florida State Univ. - Tallahassee (US)
[2] NHMFL - Tallahassee (US)
[3] Ain Shams Univ. - Cairo (EG)

10:00 **#07** - An unique and convergent LC-ExcedIonPro platform for both quantification of modified nucleosides and RNA sequencing for epitranscriptomics
D. Touboul[1], L. Li En Tay[2], N. Ulryck[2], S. Bourcier[1], E. Nicol[1], M. Graille[2]
[1] LCM, Ecole Polytechnique - Palaiseau (FR)
[2] BIOC, Ecole Polytechnique - Palaiseau (FR)

10:30 *Break (30')*

11:00 **INV-4 – A quaternary hybrid instrument for state-of-the-art FT-ICR Mass Spectrometry at 14.5 and 21 Tesla**
Invited lecture
C. Weisbrod[1], J.D. Canterbury[2], M.W. Senko[2], L. Babcock-Adams[1], M. Polak[1], N.K. Kaiser[1], L.C. Anderson[1], J.P. Quinn[1], M.L. Aguilera[1], R.P. Rodgers[1], C.L. Hendrickson[1], K. Hakansson[1]
[1] National High Magnetic Field Laboratory - Tallahassee (US)
[2] Thermo Fisher Scientific - San Jose (US)

11:30 **#30** - Quantitative top-down proteomics analysis from 1–50 human cells using spray-capillary CE-MS
S. Wu
Univ. Alabama - Tuscaloosa (US)

12:00 Flash poster talks

12:30 *Lunch and poster session*

DAY 2 - TUESDAY, APRIL 28TH - AFTERNOON

14:30 **INV-5 –** *Title to come*
Invited lecture
J.M. Spraggins
Vanderbilt Univ., Nashville/TN (US)

15:00 **#26** - The more the merrier: multimodal dissociation for native top-down MS on an FTICR
A. Kádek[1], E. Gurler[1,2], T. Smrcka[1,2]
[1] Institute of Microbiology CAS - Prague (CZ)
[2] Charles Univ. - Prague (CZ)

15:30 **#22** - Evaluation of dissolved organic matter structural models using systematic LC-HRMS and IMS-HRMS investigation of synthetic molecules
J. Hawkes[1], A. Craig[1], A. Flygare[1], L. Moodie[1], P. Oliveira[2], L. Valadares Tose[2], K. Jeanneditfouque[2], F. Fernandez Lima[2]
[1] Univ. Uppsala (SE)
[2] Florida International Univ. - Miami (US)

16:00 *Break (30')*

16:30 **INV-6 – timsMRMS – the next generation of ultra-high resolution MS instrumentation**
Invited lecture
C.A. Wootton[1], A. Theisen[1], G.F. Brabeck[1], M.E. Colley[5], J.M. Spraggins[5], J. Maillard[2,3], C.P. Rüger[3], C. Afonso[3,4]*, P. Giusti[2,3,4]
[1] Bruker Daltonics GmbH & Co. Kg, Bremen (DE)
[2] TotalEnergies One Tech, R&D, Downstream Processes & Polymers, TotalEnergies Research & Technology Gonfreville, Harfleur (FR)
[3] International Joint Laboratory, iC2MC: Complex Matrices Molecular Characterization, Harfleur (FR)
[4] Univ Rouen Normandie, INSA Rouen Normandie, CNRS, Normandie Univ, COBRA UMR 6014, INC3M FR 3038, Rouen (FR)
[5] Department of Biochemistry, MRBIII U9228, Vanderbilt Univ. (US)

17:00 **#36** - Fast Photochemical Oxidation of Nucleic acids (FPON) enables submolecular mapping of protein–DNA interfaces and conformational dynamics by High-Resolution Mass Spectrometry
P. Novak[1], E. Biryukova[1], M. Polak[1], A. Kadek[1], V. Brinsa[2], A. Hnizda[2], J. Cerny[3]
[1] Institute of Microbiology, Czech Academy of Sciences - Prague (CZ)
[2] First Faculty of Medicine, Charles Univ. - Prague (CZ)
[3] Institute of Biotechnology, Czech Academy of Sciences - Prague (CZ)

17:30 **#18** - Structural deciphering of oil and alkyd-based paints: Analysis by depolymerization and HRMS
B. Almasri[1], C. Rolando[2]
[1] Univ. Lille, UAR CNRS 2014, US INSERM 41, PLBS, Villeneuve d'Ascq (FR)
[2] CARMeN Institute, Univ. Rouen Normandy (FR)

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DAY 3 - WEDNESDAY, APRIL 29TH - MORNING

09:00 **INV-7 – Life in a Nutshell: biotic and abiotic chemistry in natural complex systems**
Invited lecture
P. Schmitt-Kopplin[1,2,3]
[1] *Technical Univ. Munich TUM, Analytical Food Chemistry, Weihenstephan, Freising (DE)*
[2] *Helmholtz Munich, Analytical BioGeoChemistry, Oberschleissheim (DE)*
[3] *Max Plank Institute for Extraterrestrial Physics, Center for Astrochemical Studies, Garching (DE)*

09:30 **INV-8 – Aerosolomics for maritime emissions and engine decarbonization: FTMS fingerprints of ammonia dual-fuel exhaust and wet-scrubber discharges**
Invited lecture
C. Rüger[1], H. Czech[1], E. Schneider[1], H. Hansen[1], F. Carl[1], S. Ehlert[2], M. Aguilera[3], T. Streibel[1], B. Buchholz[4], R. Zimmermann[1]
[1] *Univ. Rostock, Departmen of Analytical Chemistry - Rostock (DE)*
[2] *Photonion GmbH - Schwerin (DE)*
[3] *National High Magnetic Field Laboratory - Tallahassee (US)*
[4] *Univ. Rostock, Department of Piston Machines and Internal Combustion Engines - Rostock (DE)*

10:00 **#34** - Development of FTICR MS methods for the advanced molecular characterization of electrolytes and passivation layers in lithium-ion batteries
T. Sombret[1], E. Kherchiche[1], M. Hubert-Roux[1], A. Gajan[2], J. Maillard[3], S. Ollivier[1], C. Afonso[1], P. Giusti[3]
[1] *Univ. Rouen Normandie, INSA Rouen Normandie, Univ. Caen Normandie, ENSICAEN, CNRS, Institut CARMeN UMR 6064, - Rouen (FR)*
[2] *SAFT, Corporate Research, - Bordeaux (R)*
[3] *TotalEnergies OneTech, TotalEnergies Research & Technology Gonfreville, Harfleur (FR)*

10:30 *Break (30')*

11:00 **INV-9 – Deep learning-enhanced characterization of (Glyco-) peptide fragmentation on the Orbitrap-Omnitrap**
Invited lecture
S. Mohammed
Univ. Oxford and the Rosalind Franklin Institute (UK)

11:30 **#19** - Surpassing DFT limitations in FT MS: transient fitting via parallelized genetic algorithm
C. Rolando[1], U. Abdulkarimova[2], P. Collet[3]
[1] *CARMeN Institute, Univ. Rouen Normandy (FR)*
[2] *French-Azerbaijani Univ. - Baku (AZ)*
[3] *Univ. Andrés Bello - Viña Del Mar (CL)*

12:00 Flash poster talks

12:30 *Lunch and poster session*

DAY 3 - WEDNESDAY, APRIL 29TH - AFTERNOON

14:30 **INV-10 – AI-driven software development and machine learning optimization for FTICR mass spectrometry**
Invited lecture
W. Kew[1], K.J. Zemaitis[1], P. Xiang[1], R. Chu[1], Y. Corilo[1], J. Lindquist[1], S. Munikoti[1], J. Strube[1], T.P. Wörner, M. Biel[2], A.A. Makarov[2], L. Paša-Tolić[1]
[1] Pacific Northwest National Laboratory, Richland, WA (US)
[2] Thermo Fisher Scientific, Bremen (DE)

15:00 **#03** - Molecular characterization of bio-based binder after outdoor aging and PAV aging by Orbitrap mass spectrometry
O. Lacroix, N. Dolmazon, S. Laage
TotalEnergies OneTech - Solaize (FR)

15:30 **#08** - Spatial mapping of adrenal steroidogenesis by MALDI-FTICR Mass Spectrometry Imaging
E. Nicol[1], F. Bonnet-Serrano[2], L. Thomeret[2], F. Violon[2], K. Perlemoine[2], M. Favier[3], P. Renquet[1], A. Jouinot[2], J. Bertherat[2], G. Assié[2], D. Touboul[1]
[1] LCM, IP Paris, Ecole Polytechnique, CNRS UMR 9168 - Palaiseau (FR)
[2] INSERM U1016-CNRS UMR8104, Institut Cochin - Paris (FR)
[3] Plateforme HistIM, Institut Cochin - Paris (FR)

16:00 **INV-11 – Unveiling the molecular complexity of produced water: from predictive modeling to HPLC-21T FT-ICR MS**
Invited lecture
B. Gontijo[1], J. Roque[1], H. Machado[1], B. Acioli[1], M. Aguilera[2], I. Medeiros[3], R. Mesquita[3]
[1] UFG - Goiania (BR)
[2] MagLab - Tallahassee (US)
[3] PETROBRAS - Rio de Janeiro (BR)

16:30 *Break (30')*

17:00 **Social activities:**
Walking tour of the city center of Rouen

19:30 Conference dinner (at the Joan of Arc Historial)

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DAY 3 - THURSDAY, APRIL 30TH - MORNING

09:00 **INV-12 – Be patient and release the pressure: recipe for high-resolution charge detection mass spectrometry**
Invited lecture
A. Heck
Univ. Utrecht, The Netherlands

09:30 **#14** - Direct Screening of Diamondoids and Geochemical Markers in Brazilian Crude Oils by APPI (+) FT-ICR MS - Insights into Thermal Maturity
D. Muller[1], T. Covas[1], R. Pereira[1], M. Rangel[1], J. Roque[1], Y. Rocha[2], J. Lopes[2], I. Souza[2], B. Vaz[1]
[1] CEMEP - Federal Univ. Goiás - Goiania (BR)
[2] CENPES - Petrobras - Rio de Janeiro (BR)

11:00 **INV-13 – Advancing single-cell and spatial proteomics with novel LC-MS and tissue dissection workflows**
Invited lecture
Y. Kwon[1], J.M. Fulcher[1], P. Xiang[1], P. Dawar[1], R. Kumar[1], S.M. Williams[1], Y. Zhu[1,2], A. Arif[3], S.K.Y. Tang[3], L. Paša-Tolić[1]
[1] Pacific Northwest National Laboratory, Environmental Molecular Sciences Div., Richland, WA (US)
[2] Genentech, Dpt. Proteomic and Genomic Technologies, South San Francisco, CA (US)
[3] Stanford Univ., Dpt. Mechanical Engineering, Stanford, CA (US)

10:30 *Break (30')*

11:00 **INV-14 – Protein quantitation across broad mass ranges in FTMS: handle with care!**
Invited lecture
Y.O. Tsybin
Spectroswiss, Lausanne (CH)

11:30 **INV-15 –** *Title to come*
Invited lecture
C. Afonso
Univ. Rouen Normandie (FR)

12:00 *Lunch eat in or to go. Closing at 2.00 pm*

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POSTER PROGRAM

#04 – Dissecting nitrosamine dissociation using tandem mass spectrometry techniques
S. Weekes[1], M. Li[2], C.A. Wootton[3], M.P. Barrow[4], S.W. Holman[5], A. Ray[6], P.B. O'connor[4]
[1] Analytical Science Centre of Doctoral Training, Univ. Warwick - Coventry (UK),
[2] Advanced Mass Spectrometry Research Technology Platform, Univ. Warwick - Coventry (UK)
[3] Bruker Daltonics GmbH and Co. Kg - Bremen (DE)
[4] Department of Chemistry, Univ. Warwick - Coventry (UK)
[5] Chemical Dvlpt, Pharmaceutical Technology & Development, Operations, AstraZeneca - Macclesfield (UK)
[6] Analytical Science & Technology, Global Product Dvlpt, Operations, AstraZeneca - Macclesfield (UK)

#06 – Analysis of synthetic and environmental micro- and nano-polyethylene terephthalates (PET) based-plastics by depolymerization and HRMS
B. Almasri[1], C. Rolando[2]
[1] Univ. Lille, UAR CNRS 2014, US Inserm 41, PLBS, Villeneuve d'Ascq (FR)
[2] CARMeN Institute, Univ. Rouen Normandy (FR)

#09 – Conformer-selective ECD analysis of proteins using a novel gated TIMS-MRMS platform
A. Theisen, C.A. Wootton
Bruker Daltonics GmbH & Co. KG - Bremen (DE)

#10 – Single ion detection with FT-ICR MS: trapped ion kinetic energy correction for improved charge determination
N. Kaiser[1], S. Beu[2], C. Hendrickson[1], J. Quinn[1], J. Kafader[3], C. Weisbrod[1]
[1] National High Magnetic Field Laboratory - Tallahassee, Fl (US)
[2] S.C. Beu Consulting – Austin/TX (US)
[3] Northwestern Univ. – Evanston/IL (US)

#12 – Isomer-level description of complex bio-oils enabled by gTIMS hyphenated to 18 T FTICR MS
T. Imhoff, S. Ollivier, J. Maillard, C. Barrère-Mangote, M. Hubert-Roux, M. Mignot, P. Giusti, C. Afonso
Institut CARMeN UMR CNRS 6064, Univ. Rouen Normandie, Mont-Saint-Aignan, Rouen (FR)

#13 – Novel sample preparation for the pre-treated biomass characterization using MALDI-FTICR
P. Renquet[1], S. Devos[1], A. Le Masle[2], F. Bataille[2], E. Nicol[1], D. Touboul[1]
[1] Laboratoire de Chimie Moléculaire, CNRS UMR 9168, Institut Polytechnique de Paris - Palaiseau (FR)
[2] IFP Energies nouvelles, Rond-point de l'échangeur de Solaize - Solaize (FR)

#16 – Prescribed fire severity reshapes the molecular fingerprint of topsoil organic matter in a mediterranean pinus forest revealed by Orbitrap UHRMS (ESI+)
N. Jiménez-Morillo[1], G. Correa-López[1], A.Z. Miller[1], C. Tsitsigianni[1], B. Martínez-Haya[2]
[1] Instituto de Recursos Naturales y Agrobiología de Sevila (IRNAS-CSIC), Sevilla (ES)
[2] BIO-MS Group, Dpt. of Physical, Chemical and Natural Systems, Univ. Pablo de Olavide, Sevilla (ES)

#17 – Molecular characterization of soils impacted by Tajogaite lava deposition using ultra-high-resolution Orbitrap MS
N. Jiménez-Morillo[1], J. Mataix-Solera[2], G. Correa-López[1], S. Gutiérrez-Patricio[1], J. Martínez-Martínez[3], J. Vegas[3], F. Gázquez[4], B. Martínez-Haya[5], A.Z. Miller[5]
[1] Instituto de Recursos Naturales y Agrobiología de Sevila (IRNAS-CSIC), Sevilla (ES)
[2] GETECMA. Dpt. de Agroquímica y Medio Ambiente, Univ. Miguel Hernández, Elche (Spain)
[3] Instituto Geológico y Minero de España (IGME-CSIC), Madrid (Spain)
[4] Department of Biology and Geology. Univ. Almería (Spain)
[5] BIO-MS Group, Dpt. of Physical, Chemical and Natural Systems, Univ. Pablo de Olavide, Sevilla (Spain)

#21 – Liquid chromatography coupled to Orbitrap ExcedIon Pro for HRMS profiling and steroids quantification in adrenocortical tumors
C. Amoros[1], F. Bonnet-Serrano[2], B. Farguet[1], L. Thomeret[2], K. Perlemoine[2], F. Violon[2], G. Assié[2], J. Bertherat[2], D. Touboul[1]
[1] LCM, IP Paris, Ecole Polytechnique, CNRS UMR 9168 - Palaiseau (FR)
[2] INSERM U1016-CNRS UMR8104, Cochin Institute - Paris (FR)

#24 – Compositional analysis hydrothermal extracts of softwood bark by direct-infusion ESI FT-ICR Mass Spectrometry
J. Jänis, M. Nikunen, T. Kekäläinen, M. Negm
Univ. Eastern Finland - Joensuu (FI)

#25 – Comparative molecular characterisation of bio-oils from different feedstocks FTICR MS
H. Wang[1], M. Li[2], S. Weekes[1], B. Gannon[1], C.G. Littlejohn[1], P.B. O'connor[1], S. Gu[1], S. Banks[3], M.P. Barrow[1]
[1] Department of Chemistry, Univ. Warwick - Conventry (UK)
[2] Advanced Mass Spectrometry RTP, Univ. Warwick - Conventry (UK)
[3] College of Engineering and Physical Sciences, Aston Univ. - Birmingham (UK)

#27 – Molecular insights into DNA mismatch repair: probing protein–protein and protein–ligand interactions by Native High-Resolution Mass Spectrometry
J. Jänis[1], H. Le[1], M. Laitaoja[1], K. Rasheed[2], P. Friedhoff[2], J. Lebbink[3]
[1] Univ. Eastern Finland - Joensuu (FI)
[2] Univ. Giessen - Giessen (DE)
[3] Erasmus MC - Rotterdam (NL)

#29 – Unraveling the molecular complexity of dissolved organic matter issued from wood combustion using trapped ion mobility spectrometry coupled with 18 T FTICR MS
A. Duhamel[1], E. Varea[2], C. Wootton[3], F. Portet-Koltalo[4], C. Afonso[1]
[1] Normandie Univ., CNRS, CARMeN UMR 6064 and FR 3038, Univ. Rouen Normandie - Rouen (FR)
[2] Normandie Univ, CNRS CORIA UMR 6614, UNIROUEN, INSA Rouen - Rouen (FR)
[3] Bruker Daltonics GmbH & Co.KG - Bremen (DE)
[4] Normandie Univ., CNRS, CARMeN UMR 6064 and FR 3038, Univ. Rouen Normandie - Evreux (FR)

#32 – Development of on-line coupling between supercritical fluid chromatography and 18 T FTICR MS for the molecular characterization of wood bio-oil
G. Limousin[1], T. Imhoff[2], M. Hubert-Roux[3], P. Giusti[2], M. Mignot[3], C. Afonso[3]
[1] Univ. Rouen Normandie, INSA Rouen Normandie, CNRS, CARMeN UMR 6064, INC3M FR 3038/International Joint Laboratory, iC2MC: Complex Matrices Molecular Characterization, Harfleur, France - Mont-Saint-Aignan (FR)
[2] Univ. Rouen Normandie, INSA Rouen Normandie, CNRS, CARMeN UMR 6064, INC3M FR 3038/International Joint Laboratory, iC2MC: Complex Matrices Molecular Characterization/TotalEnergies One Tech, R&D, Downstream Processes & Polymers, TotalEnergies Research & Technology Gonfreville - Mont-Saint-Aignan (FR)
[3] Univ. Rouen Normandie, INSA Rouen Normandie, CNRS, Laboratoire CARMeN UMR 6064, INC3M FR 3038/International Joint Laboratory, iC2MC: Complex Matrices Molecular Characterization - Mont-Saint-Aignan (FR)

#33 – Development of a hyphenated LC-MS method to characterize N- glycan structures of recombinant glycoproteins produced in microalgae
X. Richard[1], O. Perruchon[1], P. Lerouge[1], S. Ollivier[2], C. Afonso[2], E. Mathieu-Rivet[1], C. Loutelier-Bourhis[2]
[1] Univ. Rouen Normandie, Normandie Univ, GlycoMEV UR 4358, SFR Normandie Végétal FED 4277, Innovation Chimie Carnot, IRIB, GDR CNRS Chemobiologie - Mont-Saint-Aignan (FR)
[2] Univ. Rouen Normandie, INSA Rouen Normandie, Univ. Caen Normandie, ENSICAEN, CNRS, Institut CARMeN UMR 6064, Mont-Saint-Aignan (FR)

#35 – Fundamental Understanding of interfacial mechanisms of Li-ion batteries by FTICR mass spectrometry and imaging mass spectrometry: effect of lithium difluorophosphate as an electrolyte additive
T. Sombret[1], E. Kerchiche[1], M. Hubert-Roux[1], A. Gajan[2], J. Maillard[3], C. Afonso[1], P. Giusti[3]
[1] Univ. Rouen Normandie, INSA Rouen Normandie, Univ. Caen Normandie, ENSICAEN, CNRS, Institut CARMeN UMR 6064, Rouen (FR)
[2] SAFT, Corporate Research, Bordeaux (FR)
[3] TotalEnergies OneTech, TotalEnergies Research & Technology Gonfreville, Harfleur (FR)

#37 – Help wanted: trying to understand ICR m/z peaks splitting of specific ions produced by MALDI or SALDI
J. Far, W.H. Müller, E. De Pauw, G. Eppe
Mass Spectrometry Laboratory (MSLab), Univ. Liège (BE)

#40 – Extending high-mass performance in Orbitrap-based CDMS via FTMS booster-enhanced acquisition and isotope depletion
L. Li[1], A. Kozhinov[2], K. Nagornov[2], Y. Tsybin[2], A. Mathew[1], R. Heeren[1]
[1] Maastricht Univ., Maastricht MultiModal Molecular Imaging Institute (M4I), Maastricht (NL)
[2] Spectroswiss - Lausanne (CH)

#41 – Extending protein sequence coverage in Orbitrap-based top-down proteomics using FTMS booster-enhanced acquisition and isotope depletion
T. Tebi[1], M.A.H. Ron[1], M. Anjusha[1], L. Linglan[1], O.T. Yury[2], K. David[3], O.N. Konstantin[4]
[1] Maastricht MultiModal Molecular Imaging Institute(M4I), Maastricht Univ. - Maastricht (NL)
[2] Spectroswiss, EPFL Innovation Park - Lausanne (CH)
[3] Vibrat-Ion Ltd (UK)
[4] Spectroswiss, EPFL Innovation Park - Lausanne (UK)

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