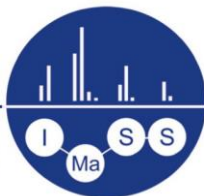


## 1st Italian MS-Imaging Symposium Event Schedule

Morning session	
08:30 - 09:00	<b>Registration</b>
09:00 - 09:15	<b>Welcome &amp; Introduction</b> Enrico Davoli, Alice Passoni, Silvio Garattini
09:15 - 10:00	<b>Plenary Talk #1</b> <b>prof. Simona Francese (Sheffield Hallam University, UK)</b> Fingerprints, from catching criminals to catching cancer
10:00 - 10:20	<b>Oral #1</b> <b>Marcello Ziaco (University of Naples &amp; CNR-ICB of Naples)</b> Integrated approach based on LC-MS/MS and DESI-MSI for identification and mapping of sulfolipids in brain tissue
10:20 - 10:40	<b>Oral #2 - Davide Franchina (Stanford University, CA, USA)</b> MnM: co-spatial tissue imaging using MALDI and MIBI
10:40 - 11:00	<b>Sponsor Talk #1 - Thermo Scientific</b> <b>Giuseppe Martano (IRCCS Humanitas Research Hospital, Milan)</b> Mapping metabolomic landscapes in ulcerative colitis
11:00 - 11:30	<b>Coffee Break</b>
11:30 - 11:50	<b>Sponsor Talk #2 - Shimadzu</b> <b>Matteo Calligaris &amp; Antonio Paolo Beltrami (University of Udine)</b> Molecular Insights from MALDI Imaging in Cardiovascular Diseases
11:50 - 12:10	<b>Oral #3</b> <b>Peter Verhaert (University of Leuven, BE)</b> Towards direct MS histochemistry of monoamine neurotransmitters, precursors & metabolites in FFPE tissues
12:10 - 12:30	<b>Oral #4</b> <b>Marta Berzaghi (University of Parma)</b> Optimizing DESI-MSI parameters for the detection of (poly)phenol metabolites in mimetic model tissue
12:30 - 12:50	<b>Sponsor Talk #3 - AmberGen</b> <b>Greta Bindi (University Bicocca, Milan)</b> Sequential MALDI-HiPLEX-IHC and untargeted protein imaging to map the tumour-immune environment: Academic researcher experience
12:50 - 13:30	<b>Lunch time &amp; Networking</b>

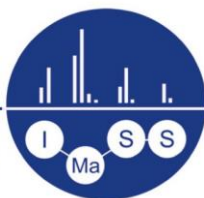




## 1st Italian MS-Imaging Symposium Event Schedule

Afternoon Session	
13:30 – 14:00	<b>Poster session</b>
14:00 - 14:10	<b>Presenting the International Mass Spectrometry Imaging Society (IMSIS)</b> <b>Liam McDonnell</b>
14:10 – 14:40	<b>Plenary Talk #2</b> <b>dr. Rita Casadonte (Proteopath GmbH, Trier, DE)</b> MALDI imaging for in situ analysis of tryptic peptides in clinical tissues
14:40 – 15:00	<b>Sponsor Talk #4 - Waters</b> <b>Andrea Perissi &amp; Angelo Palmese</b> The Evolution of Imaging: DESI Source
15:00 – 15:20	<b>Oral #5</b> <b>Emanuela Salviati (University of Salerno)</b> Seeing in the dark: visualizing endocannabinoids spatial distribution by MALDI-2 mass spectrometry imaging
15:20 – 15:40	<b>Sponsor Talk #5 - Bruker</b> <b>Bram Heijs</b> iprm-PASEF, an integrated workflow to identify your images with confidence
15:40 – 16:00	<b>Oral #6</b> <b>Georgia Millard (Sheffield Hallam University, UK)</b> Metabolomic distribution in uveal melanoma multi-cellular tumour spheroids using MSI
16:00 – 17:00	<b>Final Remarks &amp; Networking</b>





## 1st Italian MS-Imaging Symposium Poster Contribution

13:30 - 14:00 Poster session	
<b>Poster #1</b>	<b>Alex Affricano (University of Turin)</b> First application of conductive adhesive films for MALDI-MSI analysis of purine metabolism in beans
<b>Poster #2</b>	<b>Chiara Calabretta (Istituto Neurologico Carlo Besta IRCCS, Milan)</b> MALDI imaging mass spectrometry: a novel approach to molecular histology in epilepsy surgery
<b>Poster #3</b>	<b>Giulio Calza (Bruker)</b> A spatial multiomics workflow on a new benchtop MALDI-TOF instrument deciphering the lipid & protein landscape
<b>Poster #4</b>	<b>Stefano Mauro Carabellese (Istituto Mario Negri IRCCS, Milan)</b> Uncovering metabolic responses to candidatus phytoplasma vitis infection in grapevine leaves using mass spectrometry imaging
<b>Poster #5</b>	<b>Barbara Cardinali (Hospital San Martino IRCCS, Genova)</b> MALDI imaging mass spectrometry for sub-typing; a pilot study unrevealing breast cancer heterogeneity
<b>Poster #6</b>	<b>Coronel Vargas Gabriela (Hospital San Martino IRCCS, Genova)</b> Optimization of pre-processing for hyperion cyTOF's multi-channel tiff data analysis
<b>Poster #7</b>	<b>Sophie M. Pearce (Sheffield Hallam University, UK)</b> Chemotherapy resistance investigated by multimodal MSI of osteosarcoma multicellular tumour spheroid models
<b>Poster #8</b>	<b>Andrea Perissi &amp; Angelo Palmese (Waters)</b> high resolution low flow DESI imaging using a commercial desi source
<b>Poster #9</b>	<b>Daniele Stefanizzi (University of Udine)</b> MALDI imaging analysis of thoracic aortic aneurisms shows differentially expressed molecular species associated with disease severity
<b>Poster #10</b>	<b>Riccardo Zecchi (University of Florence)</b> MS-imaging: in situ investigation of secondary metabolites of oryza sativa varieties before and after cooking
<b>Poster #11</b>	<b>Samuele Zoratto (Technical University of Wien, AU)</b> Mapping epidermal lipids in 3D skin models and human biopsies