

REGISTRATION

Participation to the Congress is free-of-charge for all IMASS members in good standing with the 2023 membership fee. However, they must still register using the link present on the event page on the website of the Society (for organizational reasons):

<http://www.imass.it>

The Congress is also open to non-IMaSS members, upon payment of following fee:

- 50 Euro VAT included

FOR MORE INFORMATION ...

If you need more information and indications about the IMASS Network, please contact:

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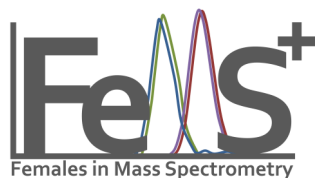
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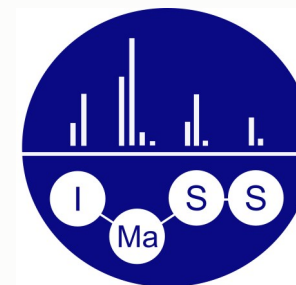


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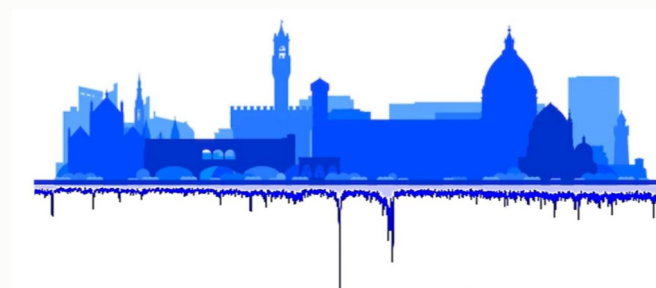


FeMS
Females in
Mass
Spectrometry



IMaSS Network 2023

*Annual national congress of the
Italian Mass Spectrometry Society*



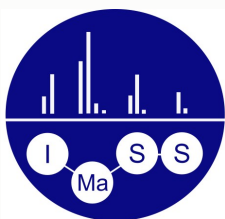
**During the congress, the official IMASS member
assembly will take place.**

We encourage all active members to participate by
bringing their ideas for the future of the society.

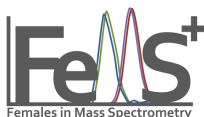
Firenze

June 26-27, 2023

Auditorium Santa Apollonia
Via San Gallo 25, Firenze



The Italian Mass Spectrometry Society (IMaSS) is an independent scientific society, whose primary objective is the promotion of research in the field of mass spectrometry.



Females in Mass Spectrometry (FeMS) is a community-led initiative to create a network of support for women in the field of mass spectrometry.

SCIENTIFIC & ORGANIZING COMMITTEE

CRISTINA BANFI

Centro Cardiologico Monzino, Milano

LOLITA PIERSIMONI

Chiesi Farmaceutici, Parma

BARBARA PIOSELLI

Chiesi Farmaceutici, Parma

ANDREA ARMIROTTI

Istituto Italiano di Tecnologia, Genova

GIUSEPPE PIERACCINI

Università degli Studi di Firenze

SIMONE SIDOLI

Albert Einstein College of Medicine, New York, USA

RICCARDO ZECCHI

Università degli Studi di Firenze

Day 1 - SCIENTIFIC PROGRAM

13:00 *Registration*

13:20 *Light lunch*

14:30 **Andrea Armirotti** (IMaSS president)
Welcome and introductive speech

14:45 **Arianna Traviglia** (Italian Institute of Technology)
"The light fantastic": exploring the magic of light in understanding Cultural Heritage

15:30 **Roberta Zanini** (Italian Institute of Technology)
Studying ancient glass to bring to light new insights into the mechanism of glass corrosion

15:50 **Amanda Guiraldelli** (United States Pharmacopeia)
Untargeted Metabolomics of PAC-containing Dietary Supplements by LC-MS: Data Fusion Approach For authentication and Detection of Adulteration in Botanical Materials

16:10 **Roberto Mandrioli** (University of Bologna)
Investigation on marijuana use leftovers: LC-MS/MS analysis of bioactives

16:30 **Alexandra Dimitrova** (University of Firenze)
I thought it was MDPV, but instead ...

16:50 **Alex Affricano** (University of Torino)
Stir bar sorptive extraction - HPLC tandem MS based method for multi-residue determination of pesticides in drinking water

17:10 **Lapo Renai** (University of Firenze)
Combining Feature-Based Molecular Networking and Contextual Mass Spectral Libraries to Decipher Nutrimetabolomics Profiles

17:30 **IMaSS member Assembly**

Day 2 - SCIENTIFIC PROGRAM

09:00 *Welcome speech*

09:05 **Enrico Cappellini** (University of Copenhagen, Denmark)
Tandem mass spectrometry-based analysis of ancient protein for paleontology, archaeology and art

09:50 **Cristina Banfi** (Centro Cardiologico Monzino, Milano)
The discovery of a novel target in atherothrombosis by proteomics

10:10 **Claudio Iacobucci** (University of L'Aquila)
COMPetitive PAiring StatisticS (COMPASS) for Protein Structural Analysis: Insights Into α -Synuclein Conformational Changes Upon Liquid-Liquid Phase

10:30 **Enrica Mecarelli** (University of Torino)
Monoclonal antibodies glycoform analysis by MALDI-TOF middle-up approach

10:50 *Coffee Break & Poster Session*

11:15 **Beatrice De Marchi** (University of Torino)
Digging biomolecules, or how proteomics revolutionised archaeology

12:00 **Nara Liessi** (Italian Institute of Technology)
The cystic fibrosis drug combination Elexacaftor/Tezacaftor/Ivacaftor (ETI) modulates the de novo synthetic pathway of ceramides in a genotype-independent manner

12:20 **Alice Passoni** (Mario Negri Institute, Milano)
Quantification of cholesterol metabolites in the brain by on-tissue derivatization mass spectrometry imaging in a mouse model of Huntington's disease

12:40 *Presentation of **FeMS network** and Open Discussion*

13:20 *Lunch*

14:10 *Final Remarks & End of Congress*