

3rd IMaSS Network

May 9th - 10th, 2019
PARMA – Ridotto del Teatro Regio

Thursday, May 9th

9.00 - 9.30 Registration

Opening ceremonies

9.30 - 9.40 *Welcome*

Pietro Franceschi, Fondazione Edmund Mach, San Michele all'Adige, Trento & IMaSS
President
Scientific & Organizing Committee Representatives

Micro-plastics, Macro-impact

Plenary lecture

9.40 - 10.40 *PL1 Il Mare a 360 gradi: dai record in apnea agli incontri con i giganti del mare*
Umberto Pelizzari – Freediver

1st Session:

10.40 - 11.15 *IS1 Le microplastiche un tema ambientale (e di salute) emergente e suoi scenari futuri nel contesto internazionale*
Federica Tommasi, Dipartimento Ambiente e Salute, Istituto Superiore di Sanità

11.15 - 11.45 Coffee Break

11.45 – 12:20 *IS2 Plastiche in mare, problema mondiale individuate come una delle principali minacce sulla salute degli oceani*
Carla Rita Ferrari, Responsabile Struttura Oceanografica Dafne, ARPAE Emilia Romagna

12.20 – 12:40 *IS3 Qualitative and Quantitative Analysis of Microplastics by Quantitative 1H-NMR Spectroscopy*
Nadine Peez, University Koblenz-Landau, Germany

12:40 – 13.00 *Pyrolysis-GC-Orbitrap MS - a powerful analytical tool for identification and quantification of microplastics in a biological matrix*
Elena Ciceri, European Specialist GC-HRMS, ThermoFisher

13.00-14.45 Free lunch

2nd Session:

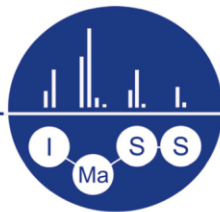
- 14.45 - 15.20 *IS4 Household goods and clothes: quantification and simultaneous identification via MicroFTIR of microplastics in the environment*
Dr. Fabiana Corami, Istituto per le Dinamiche dei Processi Ambientali, CNR-IDPA, Venezia
- 15.20 - 15.55 *Microplastics in mineral water: research on the preparation method and analysis through FT-IR microscopy*
Valentina Fiumi, SACMI, Imola
- 15.55 – 16.15 *Microplastics in deep water: a combined GC-MS e FT-IR approach*
Enrico Davoli, Dipartimento Ambiente e Salute, Istituto di Ricerche Farmacologiche Mario Negri IRCCS, Milano
- 16.15 - 16.35 *Microplastics in aquaculture: a case study on water by microFT-IR*
Monia Renzi, Bioscience Research Center, Orbetello

16.35-17.00 Coffee Break

3rd Session:

- 17.00 - 17.35 *IS5 Microplastics pollution after the removal of the Costa Concordia wreck: first evidences from a biomonitoring case study*
Francesco Regoli, Polytechnic University of Marche, Ancona
- 17.35 - 17.55 *Nature always finds the solution. Polyhydroxyalkanoates as biodegradable microplastics: challenging characterization of an outstanding material*
Dr. Markus J. Barthel, Prof. Mauro Comes Franchini, Bio-on S.p.A., Bologna, Italy
- 17.55 – 18.15 *To be defined*

18.30 – 21.00 Visit to Monumental Complex of Pilotta, including Farnese Theater and National Gallery



Friday, May 10th

Old but gold: Proteins and Mass Spec

In collaboration with SIB-Gruppo Proteine

1st Session:

- 9.00 - 9.30 *IS1: Proteoforms. The new proteomics challenge*
Marta Vilaseca - IRB Barcellona
- 9.30 - 10.00 *IS2: What proteomics can do for cultural heritage*
Leila Birolo – Università di Napoli, Napoli
- 10.00 - 10.20 *Accelerating SWATH® Acquisition for Protein Quantitation – Up to 100 Samples per Day*
Marialuce Maldini, SCIEX
- 10.20 - 10.35 *To be defined*

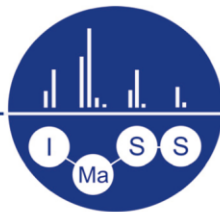
10.35 - 11.00 Coffee Break

2nd Session:

- 11.00 - 11.30 *IS3: Ultraviolet Photodissociation of ESI and MALDI generated protein ions on a Q-Exactive mass spectrometer*
Marialaura Dilillo - Pisa Foundation for Science, Pisa
- 11.30 - 12.00 *IS4: Extracting structural information from protein charge-state distributions in native-MS*
Rita Grandori – Università di Milano Bicocca, Milano
- 12.00 - 12.20 The benefit of perfect order: a novel robust approach for deep proteome coverage
Christof Mitterer – PharmaFluidics NV, Ghent, Belgium
- 12.20 - 12.40 HCP characterization by mass spectrometry in biotech products
Barbara Liori – MERCK

12.40 - 14.30 Free lunch





Meeting of IMaSS members

14.30 - 16.00 Meeting of IMaSS members

Closing ceremony

16.00 - 16.10 Final remarks
Pietro Franceschi & Scientific & Organizing Committee Representatives

