

IMSS-2019 PRELIMINARY PROGRAM

The 4th International Mass Spectrometry School (IMSS-2019) will be held at the Hotel Calipolis, Sitges (Barcelona, Spain), 15-20 September 2019. The IMSS aimed to give advanced education in mass spectrometry to graduate, PhD, post-doc students, young scientists and research seniors working in the areas of chemistry, biosciences, food, environment and medicine. The school should also be useful for allowing meeting of young scientists coming from different countries and for creating new links among young generation of mass spectrometrists.

Sunday, September 15, 2019

17:00 – 18:00	Registration
18:00 – 18:30	Welcome & Presentation
18:30 – 19:00	Opening Lecture
19:00 – 20:00	Welcome cocktail

Monday, September 16, 2019

IONIZATION TECHNIQUES

08:30 – 09:30	MS fundamentals
09:30 – 10:30	Ionization techniques (EI, CI)
10:30 – 11:30	Coffee break / Posters
11:30 – 13:00	Atmospheric Pressure Ionization techniques
12:00 – 13:00	MALDI
13:00 – 15:00	Lunch
15:00 – 16:00	Ambient Ionization
16:00 – 16:30	Coffee break / Posters Sessions
16:30 – 17:30	Separation techniques coupled to MS: GC-MS, LC-MS, CE-MS
17:30 – 19:00	Beer and Science (Short Oral / Flash Posters - Students)

Tuesday, September 17, 2019

MASS ANALYZERS

08:30 – 10:00	Separation of ions in space: quadrupole, TOF, Sectors
10:00 – 10:30	Coffee break / Posters
10:30 – 12:00	Separation of ions in time: traps, FT-ICR, Orbitrap
12:00 – 13:00	Miniaturization in MS
13:00 – 15:00	Lunch
15:00 – 16:00	Tandem MS: fundamentals, decomposition mechanisms
16:00 – 16:30	Coffee break / Posters
16:30 – 17:30	Tandem MS: protein identification
17:30 – 19:00	Beer and Science (short Oral / Flash Posters - Students)

Wednesday, September 18, 2019

ION MOBILITY MS

08:30 – 13:00	Workshop on Ion Mobility MS Key Note Lectures, Short oral presentations, Round Table Coffee break / Posters
13:00 – 15:00	Lunch
15:00 – 17:00	Quantitative Analysis in MS, Isotope dilution MS, targeted proteomics
20:00 – 22:00	Gala Dinner

Thursday, September 19, 2019

MS APPLICATIONS

08:30 – 10:00	Metabolomics/Lipidomics
10:00 – 10:30	Coffee breaks / Posters
10:30 – 12:00	Proteomics
12:00 – 13:00	Pharmaceuticals and drug discovery
13:00 – 15:00	Lunch
15:00 – 16:00	Forensic
16:00 – 17:00	Environmental and Food

17:00 - 19:00

Workshop on Imaging MS

Key Note Lectures, Short oral presentations, Round Table
Coffee break / Posters

Friday, September 20, 2019

MS INFORMATICS

09:00 – 11:00	MS informatics: proteomics and metabolomics
11:00 – 11:30	Coffee breaks
11:30 – 12:30	Closing Lecture
12:30 – 13:00	Closing ceremony, awards and farewell party