



Associated event



Ambient MS training platform

[www.gsaffe.eu](http://www.gsaffe.eu)

## 2<sup>nd</sup> European AMS workshop

### “Ambient Mass Spectrometry in food and natural products”

#### *Chairs:*

**Christian Klampfl** (Johannes Kepler University, Linz, Austria)

**Facundo Fernandez** (Georgia Institute of Technology, Atlanta, GA, USA)

**Thursday, 7 November 2013, 9:00 – 12:30 (Leo & Virgo hall)**

Workshop is dedicated to all laboratories concerned with food / natural products analysis. The mission of this workshop is to introduce challenging innovations in ambient mass spectrometry-based measurements and, last but not least, bring together all current and future users.

**9:00–9:30 AMBIENT MASS SPECTROMETRY: A TUTORIAL**

*Facundo Fernandez, Georgia Institute of Technology, Atlanta, GA, USA*

**9:30–9:50 ACCURATE MASS FRAGMENT LIBRARY FOR RAPID SCREENING FOR PESTICIDES ON THE SURFACE OF IMPORTED PRODUCE USING AMBIENT PRESSURE DESORPTION IONIZATION WITH HIGH-RESOLUTION MASS SPECTROMETRY**

*Sara Kern, United States Food and Drug Administration, Cincinnati, OH, USA*

**9:50–10:10 DIRECT FRUIT PEEL ANALYSIS BY DART-ORBITRAP-MSN**

*Marinella Farré, Department of Environmental Chemistry, IDAEA-CSIC, Barcelona, Spain*

**10:10–10:30 RAPID WINE PROFILING STRATEGIES: EXPLORING AN AMBIENT IONIZATION METABOLOMICS APPROACH COUPLED WITH EXTRACTION TECHNIQUES**

*Elizabeth Crawford, Institute of Chemical Technology, Prague, Czech Republic*

**10:30–11:00 Coffee Break**

**11:30–11:50 RECENT ADVANCES AND CHALLENGES OF AMBIENT IONIZATION MASS SPECTROMETRY IN FOOD ANALYSIS**

*Michel Nielen, Wageningen University, Wageningen, The Netherlands*

**11:50–12:10 LESA ANALYSIS OF BACTERIAL SURFACE:**

**FROM MICROBIAL COMMUNICATION TO FOOD SAFETY**

*Ales Svatos, Mass spectrometry/Proteomics Research Group, Max Planck Institute, Jena, Germany*

**12:10–12:30 DART-MS: AN OVERVIEW OF CONCEIVABLE APPLICATIONS IN FOOD ANALYSIS AND AUTHENTICATION**

*Jana Hajslova, Institute of Chemical Technology, Prague, Czech Republic*