

Scientific Program

International Webinar on

Mass Spectrometry & Analytical Techniques

Thursday
August 05, 2021

Day 1 - August 05, 2021 - British Summer Time (BST)

11:00 - 11:10 Introduction

Oral Presentations

- 11:10 - 11:35 A new, simple, efficient and robust multi-residue method based on pressurized-liquid extraction of agricultural soils to analyze pesticides by liquid chromatography coupled with a high-resolution quadrupole time-of-flight mass spectrometer
Giovanni Caria, INRAE - LAS, France
- 11:35 - 12:00 Determination of $^{87}\text{Sr}/^{86}\text{Sr}$ isotopic ratio in olive oil by means of Multicollector-ICP MS
Emna Nasr, IPREM and INRAP, France
- 12:00 - 12:25 Hyphenation of planar chromatography with mass spectrometry to identify bioactive saponins in complex plant extract
K. Nafti, University of Toulouse and University of Tunis EL MANAR, Tunisia
- 12:25 - 12:50 Analysis of selected mycotoxins in maize from North-West, South Africa, using High performance liquid chromatography (HPLC) and other analytical techniques.
Theodora Ekwomadu, Northwest University, South Africa

Lunch (12:50 - 13:30)

Oral Presentations

- 13:30 - 13:55 Accelerator mass spectrometry: state of the art and the fields of application
Doru Pacesila, IFIN-HH, Romania
- 13:55 - 14:20 Quantification of benzothiazoles, benzotriazoles and benzosulfonamides in airborne particulate matter coupling microwave-assisted extraction with solid-phase microextraction gas chromatography tandem-mass spectrometry
Attilio Naccarato, CNR-Institute of Atmospheric Pollution Research, Division of Rende, Italy
- 14:20 - 14:45 Investigation on Co(II), Cu(II), Mn(II), Ni(II) and Zn(II) azodye complexes derived 4[(E)-(4 Chlorophenyl) diazenyl]-3-methyl-1-phenyl-1H pyrazol-5-ol: Spectral Characterization and Electrochemical Determination of Dopamine and their Biological Applications
Malathesh Pari, Kuvempu University, India
- 14:45 - 15:10 Chemical Reactors with Exothermic Reactions on the Plug Flow and Study it by New Approach Strategy ASM
M.R.Akbari, University of Tehran, Iran
- 15:10 - 15:35 Tandem mass spectrometry approaches to know enzymatic enzyme activity
Manoj Kumawat, ICMR-NIREH Bhopal, India
- 15:35 - 16:00 Mechanisms of manifestations of drought effect in plants revealed through proteomics studies
Vijay Kumar Dalal, Deemed University, India
- 16:00 - 16:25 How electrospray tandem mass spectrometry (ESI-MS/MS) changed the fate of fecal steroid metabolites measurement in free-ranging Taiwanese pangolin (*Manis pentadactyla pentadactyla*)
Bharti Arora, Wildlife Biology Researcher, India

Video Presentation

- 16:25 - 16:40 Pesticides in intensively agricultural vegetables and fruits in Akkar (Lebanon)
Wissam Sahyoun, University of Lille, France

End of Day 1 Sessions