

Scientific Program

3rd International Webinar on Mass Spectrometry & Analytical Techniques

Monday
April 18, 2022

Day 1 - April 18, 2022

11:00 - 11:10 Introduction

Oral Presentations

11:10 - 11:35 Effect of Stabilizer Shape on Zircon U-Pb Dating Analysis by Nanosecond LA-ICP-QMS
Xijuan Tan, Chang'an University, China

11:35 - 12:00 Analysis of Ethyl Laurate in Coconut Oil - Lemongrass and Compared with Quercetin Standard as Antioxidant using Gas Chromatography - Mass Spectrometry
Ni Made Suaniti, Udayana University, Indonesia

Keynote Presentations

12:00 - 12:35 Experimental Design Optimized Combination of Microextraction by Packed Sorbent with Programmed Temperature Vaporization - Gas Chromatography - Tandem Mass Spectrometry as a Green Strategy for the Quantification of Target Analytes in Environmental Waters
Attilio Naccarato, CNR - Institute of Atmospheric Pollution Research, Division of Rende, Italy

12:35 - 13:10 Analysis of Fruit Metabolomics
Ebru Yaşa Kafkas, University of Çukurova, Turkey

Oral Presentation

13:10 - 13:35 Prism Mass Analyzer with Achromatic Cone - Shaped Prism and Transaxial Lenses
Spivak - Lavrov Igor Feliksovich, Aktobe Regional University, Kazakhstan

Lunch (13:35 – 14:00)

14:00 - 14:25 A Simple, Efficient and Robust Method Based on Quechers Extraction for the Analysis of Multi - Residue Pesticides in Tomatoes and Cucumbers by Gas Chromatography Coupled with a Triple Quadrupole Mass Spectrometry
Wissam Sahyoun, University of Lille, France

14:25 - 14:50 SPME - GC/MS for Pesticides Analysis: Palm Wine Case of Study
Juliette Vievard, COBRA laboratory - LOMC laboratory, France

14:50 - 15:15 Towards Comprehensive Environmental Studies of the Physiology and Biochemistry of Microorganisms based on Mass Spectrometric Decoding of Coupled Interspecific and Populational Processes in the Frameworks of the Geochemical Ecology on a Chip
Oleg V. Gradov, FRC CP RAS, Russia

Poster Presentations

15:15 - 15:30 GC - MS Analysis of *Amaranthus Tricolor* L. and *Amaranthus Cruentus* L. Leaf Extracts During Drought Adaptation
S. Motyleva, FHRCBAN Russia, Russia

15:30 - 15:45 A new Nanostructured Material Hybrid based on Phosphonate Grafting into a Nanomaterial Zinc-Aluminum Layered Double Hydroxide by Ion Exchange
El. H. EL Khattabi, Hassan II University of Casablanca, Morocco

Oral Presentation

15:45 - 16:10 A Conserved Folding Nucleus Sculpt the Complex Free Energy Landscape of a Highly Divergent Bacterial and Archaeal Tim Barrel Enzyme
Rohit Jain, Case Western Reserve University, USA

End of Day 1

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Tuesday
April 19, 2022

Day 2 - April 19, 2022

Keynote Presentation

10:00 - 10:35 High Resolution Mass Spectrometry for Non - Targeted Environmental Exposomics
Nalini Kanta Sahoo, SRM Institute of Science and Technology, NCR campus, India

Oral Presentations

10:35 - 11:00 Analytical Studies on the Effect of Fructose on the Interaction Profile of Ovalbumin and Laplace Transform Study in Fixing the Solvent Priority
L Palaniappan, Annamalai University, India

11:00 - 11:25 Mechanical Properties of Phormium Tenax Reinforced Natural Rubber Composites
Sivasubramanian Palanisamy, Dilkap Research Institute of Engineering and Management Studies, India

11:25 - 11:50 Comparative Efficacy of Different Fungicides against Late Blight Diseases of Potato Incited by *Phytophthora Infestans* (Mont.) De Bary and Standardized the Doses for its Management
Siddique N.A, Rajshahi University, Bangladesh

11:50 - 12:15 RP - UHPLC-DAD - QTOF - MS Profiles of Polyphenols and Antioxidant Activity of Tunisian Olive by Products Extracts
Mohamed Bouaziz, University of Sfax, Tunisia

12:15 - 12:40 Flow Augmentation and Performance of Internal Angled Groove Heat Transfer Enhancement in Rectangular Conduit Using Infra - Red (IR)
Samson A. Aasa, University of Pretoria, South Africa

Poster Presentation

12:40 - 12:55 Validation of HPLC Analytical Method for Determination of Ceramides in Biological Samples
Veselina Uzunova, Bulgarian Academy of Sciences, Bulgaria

Recorded Video Presentation

12:55 - 13:15 New Non - Gauge Interaction, Byuon Energy and Its Use in Heat Installation
Baurov Yu.A, Independent Researcher, Russia

End of Day 2