

Scientific Program

2nd International Webinar on Mass Spectrometry & Analytical Techniques

Thursday
November 11, 2021

Day 1 - November 11, 2021

10:00 - 10:15 Introduction

Oral Presentations

10:15 - 10:40 Effect of Signal Beat on *In Situ* Quantification Accuracy Of LA-ICMPS
Xijuan Tan, Chang'an University, China

10:40 - 11:05 Determination of perfluoroalkyl substances in marine water and marine sandworm *Perinereis Wilsoni* using high performance liquid chromatography tandem mass spectrometry
Janice B. Sevilla-Nastor, University of the Philippines Los Baños, Philippines

Keynote Presentations

11:05 - 11:35 Integrating Biomass Valorization and CO₂ Conversion for an Effective Carbon Circular Economy-Cce Implementation
Michele Aresta, Innovative Catalysis for Carbon Recycling-IC2R Ltd, Italy

11:35 - 12:05 Technologies for Removing Sulfur from Heavy Crude Oil
Abdollah Esmaeili, Al-Farabi Kazakh National University, Kazakhstan

Oral Presentations

12:05 - 12:30 Water Soluble Lignosulfonate Binder Based Hard Carbon Anodes for Sodium Ion Battery
Ritambhara Gond, Uppsala University, Sweden

12:30 - 12:55 Nuclear Magnetic Resonance Spectroscopy and Mass Spectrometry as Complementary Techniques
Nadeem Kizilbash, Northern Border University, Saudi Arabia

Lunch (12:55 - 13:30)

13:30 - 13:55 Features of age dating of 90Sr-90Y radioactive source using ICP-MS in nuclear forensics
Hanna Vasylyeva, Uzhgorod National University, Ukraine

13:55 - 14:20 Molecular mass fingerprints and Proteomics, complementary approaches to evaluate from a Simple "Blood Test" the impact of stressors on pollinator health
Dalel Askri, Plateforme BioPark d'Archamps, France

14:20 - 14:45 Database and Polarity Mapping of Bodipys
F.Y. Telegin, Ivanovo State University of Chemistry and Technology, Russia

14:45 - 15:10 How Cells Obtain Energy from Food, A Long-Lasting False Story
Arturo Solís Herrera, Human Photosynthesis® Research Center, México

15:10 - 15:35 Applications of Time-of-Flight Secondary Ion Mass Spectrometry
Heng-Yong Nie, The University of Western Ontario, Canada

Poster Presentations

15:35 - 15:50 GC-MS- Based Metabolomics Analysis of Leaves *Amaranthus* (C4) and *Actinidia* (C3) by Drought
Svetlana Motyleva, Federal Horticultural Research Center for Breeding, Agrotechnology and Nursery (FHRCBAN), Russia

15:50 - 16:05 Distribution and availability of mercury and methylmercury in different waters from the Rio Madeira Basin, Amazon
Miguel Vieira de Melo Neto, University of Brasilia, Brazil

End of Day 1

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Friday
November 12, 2021

Day 2 - November 12, 2021

Oral Presentations

10:00 - 10:25	Modeling Chemical Looping Combustors Pietro Bartocci , Institute of Carbochemistry, Spain
10:25 - 10:50	Irradiation Induced Modification of Surface Chemistry of Nanostructured Materials for Frontier Applications Shyamal Chatterjee , Indian Institute of Technology, India
10:50 - 11:15	Results of Studies of a Two-Circuit Solar Installation with Thermosiphon Circulation in Winter Murat Kunelbayev , Al-Farabi Kazakh National University, Kazakhstan
11:15 - 11:40	GCMS Determination of Polycyclic Aromatic Hydrocarbons in Water Coupled with Electro Flotation-Assisted Emulsification Liquid-Liquid Micro Extraction Valentin Krylov , N.I. Lobachevsky State University, Russia
11:40 - 12:05	Propagation of Electromagnetic Waves in Neutron Star Sania Saleem , Institute of Space Technology, Pakistan
12:05 - 12:30	Biomolecular Analytical Techniques (BIA Techniques) Nalini Kanta Sahoo , SRMIST Deemed to be University, India
12:30 - 12:55	New hydroxycinnamic acid derivatives from <i>tithonia diversifolia</i> (Hemsl.) A. Gray and anti-oxidant activity Nasifu Kerebba , Makerere University, Uganda

Lunch (12:55 - 13:30)

13:30 - 13:55	Molecular Docking Simulation, Design and Pharmacokinetics Studies on Some Anti – Breast Compounds Hadiza A Lawal , Ahmadu Bello University, Nigeria
13:55 - 14:20	Mass spectrometry-based proteomics approaches for qualitative analysis of the moroccan androctonus mauritanicus scorpion venom Khadija Daoudi , Hassan II University of Casablanca, Morocco

Video Presentation

14:20 - 14:45	Spectroscopic Characterization, Crystallographic Elucidation and Dft Investigation Of 5-Fluoro-6-(4-Methylpiperazin-1-Yl)Benzo[D]Thiazol-2-Amine Thuraya S. Al-Harthy , Sultan Qaboos University, Oman
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End of Day 2