

INTERNATIONAL CONFERENCE ON  
**ANALYTICAL**  
AND BIOANALYTICAL  
TECHNIQUES

**SEPT 05-06**



**VIRTUAL EVENT**

BIOANALYTICA 2022-FINAL PROGRAM

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# DAY 01

## MONDAY, SEPTEMBER 05

### KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
09:30-10:00		<b>AV Check</b>
10:00-10:10		<b>Introduction</b>
10:10-10:50	12:10-12:50	<b>Jose Bernal, University Of Valladolid, Spain</b> Title: Chromatographic methods for authenticating bee pollen origin
10:50-11:30	12:50-13:30	<b>Pieter Samyn, Hasselt University, Belgium</b> Title: Raman spectroscopy and imaging in organization, processing and functionalization of polysaccharide materials
11:30-12:10	13:30-14:10	<b>Victor Cerda, Sciware Systems, Spain</b> Title: Portable and laboratory analytical photometric and fluorometric systems based on the use of 3D printed devices

### ORAL PRESENTATIONS

12:10-12:30	20:10-20:30	<b>Mohsin Sattar, Universiti Teknologi Petronas, Malaysia</b> Title: Development of new creep prediction model for use through computational modelling for SS-304 material
12:30-12:50	20:30-20:50	<b>Jingpu Zhang, Shanghai Public Health Clinical Center, China</b> Title: DNA-templated silver nanoclusters light up tryptophan for combined detection of plasma tryptophan and albumin in sepsis
12:50-13:10	20:50-21:10	<b>Hu Xiaofeng, Oil Crops Research Institute, China</b> Title: Nanomaterial-based intelligent point-of-care testing for food safety: Mycotoxins
13:10-13:30	18:40-19:00	<b>Megha Sharma, All India Institute Of Medical Sciences, India</b> Title: Innovations in bioanalytical techniques for diagnosing infectious diseases
13:30-13:50	19:00-19:20	<b>Rajeev Jain, Central Forensic Science Laboratory, India</b> Title: Cellulose paper sorptive extraction (CPSE): A new microextraction technique for analysis of basic drugs in blood as a proof of concept
13:50-14:10	19:20-19:40	<b>Uma Kamboj, Lovely Professional University, India</b> Title: Near Infrared Spectroscopy as a quick tool to identify saw dust adulteration in Coriander (Coriandrum sativum L.) Powder
14:10-14:30	19:40-20:00	<b>Gomathi N, Indian Institute Of Space Science And Technology, India</b> Title: Graphene and MOF based materials for electrochemical sensing of biologically important analytes

14:30-14:50	16:30-16:50	<b>Cristina Gutierrez Sanchez, Universidad Autonoma De Madrid, Spain</b> Title: Bifunctional CNDs to enhance electrochemiluminescence for the sensitive detection of analytes of clinical and environmental interest
14:50-15:10	16:50-17:10	<b>Ana Maria Ares Sacristan, University Of Valladolid, Spain</b> Title: Supercritical fluid chromatographic technique as an alternative to separate isomers of urolithin conjugates
15:10-15:30	12:10-12:30	<b>Jefferson Santos de Gois, Rio de Janeiro State University, Brazil</b> Title: Trace-contaminants determination in glycerin samples after a simple dilute and shot approach for analysis by ICP-OES
15:30-15:50	17:30-17:50	<b>Pier Giorgio Righetti, Politecnico Di Milano, Italy</b> Title: Stroboscopic flashes on the Netherland
15:50-16:10	17:50-18:10	<b>Vittoria Guglielmi, University of Milan, Italy</b> Title: Visible reflectance, raman and FTIR spectroscopies in the scope of cultural heritage: Non-invasive and in-situ approaches
16:10-16:30	18:10-18:30	<b>Marilena Giglio, Polytechnic University of Bari, Italy</b> Title: Breath and environmental relevant gas species detection based on quartz-enhanced photoacoustic spectroscopy
16:30-16:50	19:30-19:50	<b>Alexandru Cocean, Alexandru Ioan Cuza University Of Iasi, Romania</b> Title: High pulsed power laser inducing phase change - chemical transformations. Coupled modeling and analytical chemistry techniques
16:50-17:10	19:50-20:10	<b>Eimantas Ramonas, Vilnius University, Lithuania</b> Title: Oxygen reduction reaction catalyzed by wired bilirubin oxidase: Fully enzymatic and self-calibrating pH biosensor
17:10-17:30	19:10-19:30	<b>Amira M Hegazy, Beni-Suef University, Egypt</b> Title: Development and validation of two robust simple chromatographic methods for estimation of tomatoes specific pesticides' residues for safety monitoring prior to food processing line and evaluation of local samples
17:30-17:50	19:30-19:50	<b>Dina Abbas Ahmed Mostafa, Future University In Egypt, Egypt</b> Title: Green successive spectrophotometric resolution technique for the analyzing ternary medicine recommended to be used during covid-19 pandemic- purity study
17:50-18:10	19:50-20:10	<b>Nesrine Abdelrehim El Gohary Mohamed, German University, Egypt</b> Title: Molecularly imprinted polymers for isolation of quinic acid from coffee beans coupled with UHPLC-MS/MS detection
18:10-18:30	20:10-20:30	<b>Omolola Esther Fayemi, North-West University, South Africa</b> Title: Serotonin electrochemical detection in tomatoes at MWCNT-AONP nanocomposite modified electrode

**Saureille Ngouana Moafor, University of South Africa, Florida campus/University of Yaounde I, South Africa**

18:30-18:50

20:30-20:50

Title: Synthesis, characterization of a novel material Co-ZSM5 for Supercacitor

## POSTER PRESENTATIONS

**Ieva Sakinyte, Vilnius University, Lithuania**

18:50-19:00

21:50-22:00

Title: Reagentless bioelectrocatalytic detection system for maltose and/or glucose, based on PQQ-glucose dehydrogenase immobilized onto modified reduced graphene oxide surfaces

**Julija Razumiene, Vilnius University, Lithuania**

19:00-19:10

22:00-22:10

Title: L-Glutamate biosensor for in vitro investigations: Application in brain extracts

# DAY 02

## TUESDAY, SEPTEMBER 06

### KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
10:00-10:40	12:00-12:40	<b>M A Martin Luengo, Institute of Materials Science of Madrid, Spain</b> Title: Catalysis in the next industrial revolution
10:40-11:20	12:40-13:20	<b>Maria Jesus Villasenor Llerena, Castilla- La Mancha University, Spain</b> Title: Electrochemical properties and sensing capacities of different carbon-based nanodots toward the detection of bioactives in complex matrices

### ORAL PRESENTATIONS

11:20-11:40	21:20-21:40	<b>Frederick Nti, Deakin University, Australia</b> Title: Ion Transport in Li-Doped Triethyl(methyl)phosphonium Tetrafluoroborate (Li-[P <sub>1222</sub> ][BF <sub>4</sub> ]) Impregnated with PVDF Nanoparticles
11:40-12:00	19:40-20:00	<b>Adi Azriff Basri, Universiti Putra Malaysia, Malaysia</b> Title: Fluid Structure Interaction on Paravalvular Leakage of the undersizing TAVI valve; Patient Specific Case
12:00-12:20	20:00-20:20	<b>Xin Wang, Shanghai Jiao Tong University, China</b> Title: Investigation of human microphysiological systems using mass spectrometry-based qualitative analysis combined with metabolomics
12:20-12:40	17:50-18:10	<b>Hiriyakkanavar Ila, Indian Institute of Technology Kanpur, India</b> Title: Design and Development of New Efficient Routes for the Synthesis of Biologically Important Heterocycles via Catalytic C-C and C-heteroatom bond formation
12:40-13:00	18:10-18:30	<b>Ram Sambhar Shukla, Central Salt and Marine Chemicals Research Institute(CSMCRI), India</b> Title: Heterogeneous Catalysis for Conversion of Carbon Dioxide to Formic Acid
13:00-13:20	18:30-18:50	<b>Harjinder Kaur, Gujarat University, India</b> Title: Role of Resin Supported Metal Nanoparticles as Catalyst in Organic Synthesis
13:20-13:40	18:50-19:10	<b>Sudip Kumar Das, University of Calcutta, India</b> Title: Bioremediation of Methylene blue from the aqueous environment using bamboo leaves and its acid-treated forms as biosorbent
13:40-14:00	19:10-19:30	<b>Meera Yadav, North Eastern Regional Institute of Science and Technology, India</b> Title: Key Role of Catalase Enzyme in Catalysis
14:00-14:20	19:30-19:50	<b>Rajesh Kumar, B.R.A. Bihar University, India</b> Title: Bio-catalytic Approach to Synthesis of Modified Nucleosides

## KEYNOTE PRESENTATIONS

14:20-15:00	08:20-09:00	<b>Anne M Gaffney, University of South Carolina, United States</b> Title: Plastic Trash to Monomers and Intermediates – PTMI
15:00-15:40	17:00-17:40	<b>Ahmet Haxhijaj, University of Mitrovica, Kosova</b> Title: Environment Management and Advancing Technological Processes for Technical Lead Production
15:40-16:20	17:40-18:20	<b>Eugenio Meloni, University of Salerno, Italy</b> Title: The electrification of chemical engineering as a way for the process intensification

## ORAL PRESENTATIONS

16:20-16:40	11:20-11:40	<b>Haibo Ge, Texas Tech University, United States</b> Title: Distal Functionalization via Transition Metal Catalysis
16:40-17:00	21:40-22:00	<b>Muhammad Asif Nawaz, Shaheed Benazir Bhutto University, Pakistan</b> Title: Immobilization of bacterial maltase using different polymers: An Excellent design of using maltase in continuous industrial process
17:00-17:20	14:00-14:20	<b>Leonardo Andres Cano, Institute of Research in Science and Materials Technology (INTEMA-CONICET), Argentina</b> Title: Development of new nanocomposites for the remediation of contaminated water



## UPCOMING CONFERENCES

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2<sup>nd</sup> International Conference on  
**Analytical and Bioanalytical Techniques**

September 2023 | Hybrid Event

<https://magnusconferences.com/bio-analytical-chemistry/>

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### QUERIES? CONTACT

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