



# 5th International Virtual Conference on Chemistry and Analytical Chemistry January 30-31, 2025

## Scientific Program

### Chemistry Meeting 2025

Virtual (Teams Meeting)

Time Zone: GMT+1 (London, UK)

January 30, 2025

Opening Ceremony

Time: 09:00-09:05 AM

### Keynote Session

09:05-09:30	Title: Recycling for a Stronger Future: Alkaline activated Materials Technology and Waste Utilization Ileana Ielo, University of Messina, Italy
09:05-09:30	Title: Synthesis, Characterization and In-Silico study of Schiff Bases Containing Nitrogen Heterocycles Yehya Ali Abdo Khbrani, King Abdulaziz University, Saudi Arabia
09:55-10:20	Title: Photo-induced degradation of priority air pollutants on TiO <sub>2</sub> -based coatings in indoor and outdoor environments-A mechanistic view of the processes at the air/catalyst interface Dimitrios Kotzias, University of Bonn, Germany

### Plenary Speaker Session

Session Details	Analytical Chemistry *** Pharmaceutical Chemistry *** Research Studies in Pharmacology *** Chemical Engineering *** Drug Delivery Techniques ***
Session Chairperson	Ileana Ielo, University of Messina, Italy Yehya Ali Abdo Khbrani, King Abdulaziz University, Saudi Arabia
10:20-10:45	Title: New Antimicrobial Systems Based on RE(NO <sub>3</sub> ) <sub>3</sub> ·xH <sub>2</sub> O (RE=La-Lu, Y, Sc) Elena N Domoroshchina, Mirea University, Russia
10:45-11:10	Title: Rheological behavior of corn oil at different viscosity and shear rate Ioana Stanciu, University of Bucharest, Romania
11:10-11:35	Title: Date Seed Silver Nanoparticles: Exploring Their Dual Antioxidant and Antibacterial Power Maghchiche Abdelhak, University Batna, Algeria
11:35-12:00	Title: System of Counting Green Oranges Directly from Trees Using Artificial Intelligence

	<b>Matheus Felipe Gremes, University of Maringá, Brazil</b>
<b>12:00-12:25</b>	<b>Title: Re: Rapid screening of sixty potato cultivars for starch profiles to address a consumer glycemic dilemma</b>
	<b>David Sands, University Bozeman, USA</b>
<b>12:25-12:50</b>	<b>Title: Therapeutic Potential of Ammodaucus leucotrichus Seed Extracts: A Multi-Faceted Analysis of Phytochemical Composition, Anti-Inflammatory Efficacy, Predictive Anti-Arthritic Properties, and Molecular Docking Insights</b>
	<b>Cheima Djehiche, University of Setif, Algeria</b>
<b>12:50-13:15</b>	<b>Title: The Blue Tansy Essential Oil–Petra/Osiris/Molinspiration (POM) Analyses and Prediction of Its Corrosion Inhibition Performance Based on Chemical Composition</b>
	<b>Zriouel Wafaa, University of Casablanca, Morocco</b>
<b>13:15-13:40</b>	<b>Title: Uncovering the Limitations and Insights of Packet Status Prediction Models in IEEE 802.15.4-Based Wireless Networks and Insights from Data Science</b>
	<b>Mariana Avalos Arce, Universidad Panamericana, Mexico</b>
<b>13:40-14:05</b>	<b>Title: Chaos Assisted Tunneling</b>
	<b>Linda Reichl, University of Texas at Austin USA</b>
<b>14:05-14:30</b>	<b>Title: Rapid screening methods of potato cultivars for low glycemic traits</b>
	<b>David Sands, Montana State University, USA</b>
<b>14:30-14:55</b>	<b>Title: Characterization, seasonal change, source apportionment, and health risk estimation of black carbon over an East Indian metropolitan region</b>
	<b>Tapan Kumar Sankar, G H Raisonni University, India</b>
<b>14:55-15:20</b>	<b>Title: Chlorophyll-chlorophyll interactions</b>
	<b>Edward Dratz, Montana State University, USA</b>
<b>15:20-16:30</b>	<b>Poster Presentation</b>
<b>P001</b>	<b>Title: Characterization of the antibacterial activity produced by a newly selected local Bacillus probiotic strain</b>
	<b>Ali Aljohani, University of Jeddah - Kingdom of Saudi Arabia</b>
<b>P002</b>	<b>Title: First electrochemical bioplatfrom to assist in personalized 5-fluorouracil chemotherapy</b>
	<b>Mohamed Zouari, Universitaire Manar, Tunisia</b>
<b>P003</b>	<b>Title: Insight into the Adsorption Behavior of Carbon Nanoparticles Derived from Coffee Skin Waste for Remediating Water Contaminated with Pharmaceutical Ingredients</b>
	<b>Mutaz Ezzeldien Salih Amin, University of Riyadh, Saudi Arabia</b>
<b>End of the Session</b>	
<b>Closing Ceremony</b>	
<b>Imperial Conferences</b> <b>71-75 Shelton Street, Covent Garden, London, WC2H 9JQ, United Kingdom</b> <b>Phone Number: +44-2038851456      Email: chemistryinfo@imperialconferences.com</b>	