



Antwerp, Belgium

# 10th EuChemS Chemistry Congress

euchems2026.eu

12 - 16 July 2026



Monday 13th July 2026  
Congress theme:  
Perspectives in AC and PhC

Session	Timing	Presenter	Title	Topic ID
1	10:00-10:15	Dietzek-Ivansic Benjamin	Excited-State Proton Transfer in Ru(II)- and Fe(II)-Complexes with Pyrazine-Moieties – towards Iron-Based Photobases	Electrochemistry and Interface Phenomena
2	10:15-10:30	Dhirani Al-Amin	Charge exchange transistor: an extension of electrochemistry	Electrochemistry and Interface Phenomena
3	10:30-10:45	Al-Shamery Noah	Electrochemical confinement as a tool for nanoscale fabrication and redox control	Electrochemistry and Interface Phenomena
4	10:45-11:00	Süzer Sefik	Solid-Solid and Solid-Liquid Junctions and Interfaces as Probed by AC/DC Biased XPS	Electrochemistry and Interfacial Phenomena
5	11:00-11:15	Kaur Harminder	Synergistic Ni-Co layered double hydroxide interface on graphite for trace-level eugenol detection	Electrochemistry and Interface Phenomena
6	11:15-11:30	Pawlak Alicja	Interfacial effects in indium(III) ion electroreduction	Electrochemistry and Interface Phenomena
7	11:30-11:45	Obeng-Gyasi Obed	Lipid Composition Influences the formation of Vesicle Lamellarity	Structure and Structural Analysis
8	11:45-12:00	Morthala Rishi Bharadwaj	High-throughput continuous slug flow platform for investigating non-photochemical laser-induced nucleation mechanisms	Structure and Structural Analysis
Invited lecture	14:00-14:30	<b>Debora Scuderi</b>	Molecular structure identification in mass spectrometry by FEL-based Infrared ion spectroscopy	Structure and Structural Analysis
3	14:30-14:45	Rensonnet Aurelie	The fate of the proton in protic and aprotic ionic liquids: acidity and ion transfer studied by Raman spectroscopy	Structure and Structural Analysis
4	14:45-15:00	Malherbe Cedric	Raman spectroscopy for probing extreme chemical systems: from high-temperature molten salts to super-acidic room temperature ionic liquids	Structure and Structural Analysis
5	15:00-15:15	Wang Chien-Lung	Water-Driven Self-Assembly Pathways for Thermostable and Adaptive Supramolecular Materials	Structure and Structural Analysis
6	15:15-15:30	Pocrnić Marijana	Influence of cyclodextrins on loratadine stability and structural characterization of degradation products by HR MS/MS	Structure and Structural Analysis
7	15:30-15:45	Reinhardt Peter	Mass-Dependent and Independent Isotopic Fractionation in Ozone	Structure and Structural Analysis
8	15:45-16:00	Kosowska Karolina	Probing Molecular Alignment and Microstructural Heterogeneity in Polymers via High-Resolution Polarized O-PTIR Imaging	Structure and Structural Analysis



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Tuesday 14th July 2026  
Congress theme:  
Perspectives in AC and PhC

Description	Timing	Presenter	Title	Topic ID
1	10:00-10:15	Pilkington Lisa	Sensing and capture/release of biological analytes in complex matrices	Sensors / Biosensors
2	10:15-10:30	Miceli Francesca	MAIGRET: a CRISPR-based immunoassay that employs antibody-induced cell-free transcription of CRISPR guide RNA strands	Sensors / Biosensors
3	10:30-10:45	tbd		
4	10:45-11:00	tbd		
5	11:00-11:15	Segundo Marcela	Flow-based automatic and miniaturized solid-phase extraction towards sample preparation and renewable sensors	
6	11:15-11:30	tbd		
7	11:30-11:45	Girola Valentina	Programmable gene circuit cascades for biosensing applications	Sensors / Biosensors
8	11:45-12:00	Butera Ester	Carbon nano-dots based on L-Proline for non enzymatic electrochemical tyrosine sensing	Sensors / Biosensors
Invited lecture	14:00-14:30	<b>Zoltan Mester</b>	Advancing the Chemical Measurement Science Enterprise — A Case for Strengthening Analytical Chemistry Education	Quality and Training
3	14:30-14:45	Ferreira Bruna	Linearity as the main source of uncertainty in chemical assays: statistical evaluation and implications for the limit of quantification (LOQ)	Quality and Training
4	14:45-15:00	Piotr Mytych	Analytical Science as a Catalyst for Process Efficiency: The Abrocitinib 2G Experience 36	Quality and Training
5	15:00-15:15	Gibkes Rebecca	Investigation of the applicability of dimethyl carbonate as a green solvent in liquid chromatography	Environmental
6	15:15-15:30	Bollella Alessandro	Integrated Analytical Strategies Supporting Risk Assessment of Emerging Contaminants in Marine Ecosystems	Environmental
7	15:30-15:45	tbd		
8	15:45-16:00	Zwiener Christian	Novel and legacy PFAS in human hair reflect a broad range of exposure	Environmental
1	16:30-16:45	Evans Robert	Benchtop 19F NMR analysis of bio-oils produced from Brewers' Spent Grains and other waste products	Environmental
2	16:45-17:00	Awe Omoniyi	Analysis of Sulfated Cyanopeptides in Lake Erie Water Samples: Quantification via	Environmental
3	17:00-17:15	Barek Jifí	Novel Electroanalytical Methods for Monitoring of Environmental Carcinogens	Environmental
4	17:15-17:30	Zwiener Christian	Nontarget Screening and PhotoTOP assay to characterize PFAS in AFFF contaminated sites	Environmental
5	17:30-17:45	Quattrociocchi Miriam	Covalent DNA-based dimerization networks to control in-vitro transcription	Biomolecular
6	17:45-18:00	Lermyte Frederik	Combining flow-induced dispersion and native mass spectrometry for biomolecular analysis	Biomolecular



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Wednesday 15th July 2026

Congress theme:  
Perspectives in AC and PhC

Description	Timing	Presenter	Title	Topic ID
1	10:00-10:15	Kaur Harminder	Sustainable Fe-MIL-101-based electrochemical sensor for selective and sensitive detection of 4-aminophenol and acetaminophen	Sensors / Biosensors
2	10:15-10:30	Boukaroom Ouassim	Application of a new monomer sensor for the fluorimetric detection of cadmium ions: preparation of modified electrodes with fluorescent ion-imprinted polymers	Sensors / Biosensors
3	10:30-10:45	Lettieri Mariagrazia	A Label-Free QCM Immunosensor Based on Hyaluronic Acid-Coated Solid Lipid Nanoparticles for Non-Invasive Haptoglobin Monitoring in Neuroinflammation	Sensors / Biosensors
4	10:45-11:00	Dhanjai Dhanjai	Enzyme Nanocapsules as Robust Biosensors	Sensors / Biosensors
5	11:00-11:15	tbd		
6	11:15-11:30	Monakhova Yulia	NMR and IR spectroscopies as alternative analytical methods for biopolymers without chromophore: example of hyaluronic acid in dietary supplements and cosmetics	Food, Pharmaceuticals and Consumer Products
7	11:30-11:45	Švorc Lubomír	Batch injection analysis with electrochemical detection as a useful tool in food and pharmaceutical practice	Food, Pharmaceuticals and Consumer Products
8	11:45-12:00	Nowak Izabela	Innovative Lipid Nanocarriers for Advanced Delivery of Active Substances with Pharmaceutical/Cosmetic Activities	Food, Pharmaceuticals and Cosmetics
Invited lecture	14:00-14:15	<b>Federico Marini</b>	Is Chemometrics Still Needed in the Age of Artificial Intelligence?	Data Management
3	14:30-14:45	Licheri Antonio	Extending SPE lifetime for accurate electrochemical detection of emerging environmental pollutants using machine learning-based data interpretation	Data Management
4	14:45-15:00	Çağlar Yasemin	Chemometric optimization of a green DES-RP-DLLME method for total phenolic determination in cosmetic matrices	Data Management
5	15:00-15:15	Lucena Pedro	Joint and unique spatial networks analysis using vibrational and atomic spectroscopies for mapping soil chemical associations in northeast Brazil	Data Management
6	15:15-15:30	Castrignanò Erika	An AI-driven tool for the metabolic signatures of new psychoactive substance exposure within the NARCOSIS platform	Data Management
7	15:30-15:45	Rojas Wudmir	Large-scale evaluation of semiempirical quantum mechanical EI-MS prediction for toxic compounds	Data Management
8	15:45-16:00	Mathiyalagan Prabhakaran	An Analytical Framework for nanohydroxyapatite evaluation in commercial toothpaste formulations by multivariate optimization through ICP-OES	Food, Pharmaceuticals and Consumer Products/Data Management



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Thursday 15th July 2026  
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Session	Timing	Presenter	Title	Topic ID
Invited lecture	10:00-10:15	Martin Oschatz	Using novel adsorption phenomena for the characterization of nanoporous materials	Structure and Structural Analysis
3	10:30-10:45	Biribicchi Chiara	Evaluation of Cellulose-Based Passive Adsorbers for Capturing Acetic Acid Using HS-TD-GC-MS and Magic Chemisorbers	Structure and Structural Analysis
4	10:45-11:00	Mondal Soumyadip	Individual Marcus-type kinetics controls singlet and triplet oxygen evolution from superoxide	Structure and Structural Analysis
5	11:00-11:15	Clemente Ilaria	In situ SAXS investigation of microfluidic aggregation kinetics of lipid-based nanocarriers	Structure and Structural Analysis
6	11:15-11:30	Talarico Luigi	Probing light-triggered structural dynamics in Lipid Nanoparticles using Time-Resolved SAXS	Structure and Structural Analysis
7	11:30-11:45	Essid Safaa	Interaction of copper with silanol nests in silicalite nanocrystals: Evidence from FTIR and CO adsorption study	Structure and Structural Analysis
8	11:45-12:00	Mukherjee Taritra	Raman-MCR can be used to study solvation shells in particle dispersions	Structure and Structural Analysis
1	14:00-14:15	Mesquita Raquel	Microfluidic paper-based devices for public health biomarkers monitoring	Sensors / Biosensors
2	14:15-14:30	Puricelli Simone	H2 isotopologues chromatographic separation on metal oxides	
3	14:30-14:45	Spileers Gaëlle	X-Ray Fluorescence as a novel, flow-through, element-based detector for universal quantification in Liquid Chromatography	
4	14:45-15:00	Pobat Tatsiana	Toward an Innovative Portable MicroNIR/Chemometric Strategy for the Determination of Disinfection Byproducts in Water	