











DAY 1 • MONDAY, 11 November

11:00 – 14:00	REGISTRATION	
14:00 – 14:40	OPENING CEREMONY (Mura Halls)	
SECTION I MURA HALLS · CHAIR: VLADISLAV TOMIŠIĆ		
14:40 – 15:25	PLENARY	PHILIP GALE: New Developments in Synthetic Anion Transporter Systems
15:25 – 15:55	INVITED	NAOKI SUGIMOTO: "To B or not to B" in Nucleic Acids Chemistry
15:55 – 16:30	 COFFEE BREAK 	
SECTION II MURA I+II · CHAIR: ERNEST MEŠTROVIĆ		
16:30 – 17:30	PLENARY AWARD CEREMONY	JANEZ PLAVEC: DNA Tandem Repeats: NMR Structural Studies Winner of the Spiridon Brusina Award
17:30 – 17:40	Croatian Chemical Society publishing activities	
17:40 – 18:00	Mirna Petković Didović: Nitroxoline: The Power of Chelation	
18:00 – 18:45	PANEL DISCUSSION	IS THERE <i>CHEMISTRY</i> IN CHEMISTRY (STILL)?
18:45 – 20:00	 DINNER BREAK 	
20:00 – ...	WINE TASTING & WELCOME PARTY	



DAY 2 • TUESDAY, 12 November

SECTION III MURA I+II · CHAIR: VLADISLAV TOMIŠIĆ		
9:30 – 10:15	PLENARY	IVO PIANTANIDA: One molecule to bind them all: organic dye simultaneously targeting DNA, RNA or proteins, for each target giving a selective response
10:15 – 10:35	Adrianna Szmulewicz: Chiral versus Achiral Assemblies in Multi-Stimuli Responsive Supramolecular Polymerization of Tetra-substituted Azobenzene Dye	
10:35 – 10:55	Vladimir Stilinović: Bis(tribenzylammonium) Fluoride Receptor – Interplay of Strong and Weak Hydrogen Bonds Forming a Supramolecular Capsule	
10:55 – 11:30	 COFFEE BREAK 	
SECTION IV MURA I+II · CHAIR: PREDRAG NOVAK		
11:30 – 12:15	PLENARY	ADRIJANA VINTER: Solutions for Career Development and Mentorship in the Pharmaceutical Industry for Chemists
12:15 – 12:35	Jurica Novak: Innovative Approaches in Drug Design: From Molecular Dynamics to Neural Networks	
12:35 – 12:55	Nand Kishore: Structure-Property-Energetics Relationships in Deriving Guidelines for Rational Drug Design: Biophysical Approach	
12:55 – 14:45	 LUNCH BREAK 	
SECTION V MURA I+II · CHAIRS: PETAR KASSAL & NIKOLA BREGOVIĆ		
14:45 – 15:30	PLENARY	ROBERT GYURCSÁNYI: Pushing the limits of chemical sensing with synthetic ligands and nanostructures
15:30 – 16:00	INVITED	AGATA MICHALSKA: Adding Colour to Ion Sensing in Solutions
16:00 – 16:20	Dominik Korol: Electroactive Molecularly Imprinted Polymers in Selective Sensing	
SHORT BREAK		
16:35 – 16:55	Nawal El Hakawati: Calix-Based Receptors: From Fundamental Studies to Materials in Action	
16:55 – 17:15	Sara Krivačić: Automated Production of Solid-Contact Ion-Selective Electrodes: Polymeric Membrane Drying Assessment	
17:15 – 17:35	Stjepan Dolić: Design and Characterisation of Perovskite Solar Cells	
17:35 – 18:30	PANEL DISCUSSION	DOES CHEMISTRY FOLLOW NEW TECHNOLOGIES?
18:30 – 20:00	 DINNER BREAK 	
PUB SECTION POTKOVA PUB · CHAIR: NIKOLA BREGOVIĆ		
20:00 – 20:30	INVITED	HRVOJ VANČIK: Graph Theoretical Representation of Chemical Systems
20:30 – ...	#MoreThanWater CONFERENCE PARTY	

DAY 3 • WEDNESDAY, 13 November

SECTION VI		MURA I+II · CHAIR: ROSANA RIBIĆ
9:30 – 10:15	PLENARY	SANDRO MATOSEVIC: Modulation of Immune Cells for Immunotherapy
10:15 – 10:45	INVITED	MATILDA ŠPRUNG: New Generation of Quaternary Ammonium Compounds: The Potent Amphiphiles in Combating Bacterial Resistance
10:45 – 11:05	Mehmet Mervan Çakar: Harnessing the Power of PEP-Dependent Lyases: Kinetic Characterization and Model-based Optimization for <i>N</i> -Acetylneuraminic Acid Synthesis	
11:05 – 11:45	 COFFEE BREAK 	
SECTION VII		MURA I+II · CHAIR: MARKO TRAJKOVSKI
11:45 – 12:30	PLENARY	DANIELA MONTESARCHIO: G-quadruplex-forming Aptamers
12:30 – 13:00	INVITED	ZVJEZDANA FINDRIK BLAŽEVIĆ: Development of Industrial Biotransformations by Applying Chemical Engineering Approach
13:00 – 14:30	 LUNCH BREAK 	
SECTION VIII		MURA I+II · CHAIR: GIOVANNA SPERANZA
14:30 – 15:15	PLENARY	LUCIA GARDOSSI: Enzymatic Synthesis and Structural Modelling of Bio-based Oligoesters as an Approach for the Ecodesign of New Sustainable Polymers
15:15 – 15:45	INVITED	FRANCESCO MUTTI: Exploring New Horizons in Biocatalysis: Leveraging Enzyme Engineering for Organic Synthesis, Biosensors Applications and Polymer Characterization
15:45 – 16:05	Maria Kolympadi Marković: Carbon Dioxide in the Synthesis of Organic Carbonates	
SHORT BREAK		
SECTION IX		MURA I+II · CHAIR: JOSIP POŽAR
16:20 – 16:50	INVITED	IVO RIETVELD: Chiral Resolution, Kinetics and Thermodynamics in Preferential Crystallisation
16:50 – 17:10	Marin Liović: Calorimetric Characterization of the “Golden Rain Experiment” in “Drought Season”	
17:10 – 17:30	Antonija Ožegović: Tuning Chirality in Functional Assemblies: From Liquid Crystals to Supramolecular Structures in Water	
17:30 – 17:45	SPONSOR	JASIKA
18:00 – 20:00	 DINNER BREAK 	
20:00 – 21:00	Altium × SiC PUB QUIZ (Mura Halls)	



DAY 4 • THURSDAY, 14 November

SECTION EDU		MURA I+II · CHAIRS: VLADIMIR STILINOVIĆ & JURICA BAUER
9:00 – 9:45	PLENARY	HANNE DILIËN: Innovative Interdisciplinary Science and Engineering programmes to Educate the Future Generation Changemakers
9:45 – 10:15	INVITED	ROSALBA BELLINI: Unveiling Next-Gen Chemistry Education: Curriculum Innovations at Inholland University of Applied Sciences
10:15 – 10:35	Jurica Bauer: Teaching Chemistry in the New Bachelor “Regenerative Medicine and Technology”	
10:35 – 11:00	DISCUSSION	
11:00 – 13:00	POSTER SESSION (Mura Halls)	
13:00 – 14:45	 LUNCH BREAK 	
14:45 – 16:30	CAREER ACCELERATOR (Mura Halls)	
SECTION X		MURA I+II · CHAIRS: ANDREA USENIK & LIDIJA ČAKANIĆ
16:30 – 17:00	INVITED	ALEKSANDRA MARŠAVELSKI: Harnessing Ancestral Sequences to Improve the Solubility of Plastic-Degrading Enzymes
17:00 – 17:15	SPONSOR	CHEMICAL ABSTRACTS SERVICE
17:15 – 17:45	INVITED	MIRJANA PEJIĆ BACH: Roadmap to Artificial Intelligence in Chemistry: From Baby Steps to Deployment
17:45 – 18:45	PANEL DISCUSSION	THE FUTURE IS COMING
20:30 – ...	CONFERENCE DINNER + Award Ceremonies (Restaurant Quelle)	

DAY 5 • FRIDAY, 15 November

SECTION XI

MURA I+II · CHAIR: MARINA ŠEKUTOR

9:00 – 9:30	INVITED	IVANA VINKOVIĆ VRČEK: Selenium Nanoparticles as Drug Delivery System for Levodopa in the Treatment of Parkinson's Disease – In Vitro Evaluation	
9:30 – 10:00	INVITED	TOMISLAV STOLAR: Mechanochemistry: Fundamentals to Application Winner of the Leopold Ružička Award given by CCS	
10:00 – 10:20	BEST POSTER PRESENTATION	Winner of the Tomislav Cvitaš Award given by CCS (to be announced after the Poster session)	
10:20 – 10:40	Krunoslav Užarević: Thermal Control of Milling Reactors for Advancing Preparative Mechanochemistry		

SHORT BREAK

SECTION XII

MURA I+II · CHAIR: ANDREA USENIK

10:55 – 11:15	Marija Cvetnić: Fishing in the Acetonitrile Sea: (Thio)urea-Calix[4]arenes as Anion Binders		
11:15 – 11:35	Karlo Petrić: Designer Amphiphiles - Toward Lyotropic Liquid Crystal Systems for Organic Synthesis		
11:35 – 11:55	Lukman Abdulra'uf: Development of QuEChERS/HPLC Technique for the Analysis of Veterinary Drug Residues in Beef Samples		
11:55 – 12:15	CLOSING CEREMONY · See you in 2026!		