

**FRIDAY**  
**10<sup>th</sup> of October 2025**

11:30	REGISTRATION OPENING (hall of the Department of Chemistry, main entrance)	
13:30 – 14:00	OPENING CEREMONY (A1)	
SECTION I (A1) chair: Luka Sumić		
14:00 – 14:45	PLENARY LECTURE	Dominik Cinčić (Faculty of Science, University of Zagreb): THE ROLE OF SKILL DEVELOPMENT IN SCIENTIFIC RESEARCH WORK ON EDUCATION AND PROFESSIONAL GROWTH OF STUDENTS
14:45 – 15:00	short break	
SECTION II (A1) chair: Josip Mikulić		
15:00 – 15:30	INVITED LECTURE	Tomislav Begušić (Institute of Physical and Theoretical Chemistry, University of Würzburg): SIMULATING MOLECULAR QUANTUM DYNAMICS AND SPECTROSCOPY WITH “CLASSICAL” COMPUTERS
15:30 – 15:40	SHORT PRESENTATION	Serbian Young Chemists’ Club
15:40 – 15:50	SHORT PRESENTATION	Leon Poljanić - UCLouvain
15:50 – 16:10	short break	
16:10 – 17:40	ROUNDTABLE DISCUSSION (A1) From Student to Scientist	Katarina Mužina (chair), Lara Štorga, Stjepan Dolić, Borna Ferčec, Danijela Barić, Nikola Basarić
17:40 – 18:30	not-so-short break	
18:30 – 20:00	POSTER SECTION (1 <sup>st</sup> and 2 <sup>nd</sup> floor of the Department of Chemistry)	
20:00 – 21:00	And Now for Something Completely Different: Beer Tasting (ground level of the Department of Chemistry, -1)	

**SATURDAY**  
**11<sup>th</sup> of October 2025**

9:00	REGISTRATION (hall of the Department of Chemistry, main entrance)	
9:40 – 10:00	ANNOUNCEMENTS (A1)	
SECTION III (A1) and plenary lecture livestream in A2 chair: Antonio Jularić		
10:00 – 10:45	PLENARY LECTURE	Morten Peter Meldal (Faculty of Science, University of Copenhagen): MOLECULAR CLICK ADVENTURES: THE INTRAMOLECULAR INAIK-CLICK REACTION
10:45 – 11:15	break	
SECTION IV (A1) chair: Antonio Jularić		
11:15 – 11:45	INVITED LECTURE (online lecture)	Ivan K. Ilić (Istituto Italiano di Tecnologia): POWERING EDIBLE ELECTRONICS
11:45 – 12:15	INVITED LECTURE	Tanja Poljak (Selvita): THE SEARCH FOR MEDICINES: A CHEMIST'S STORY
12:15 – 12:30	short break	
SECTION V (A1, eng) chair: Ema Begović		SECTION VI (A2, eng) chair: Jakov Borovec
12:30 – 12:45	Adrian Jablan: THE EFFECT OF FENOFIBRATE ON THE N-GLYCOSILATION OF TOTAL SERUM PROTEINS IN PATIENTS WITH TYPE 1 DIABETES MELLITUS	Ana Francesca Stama: CROSS-MODAL MOLECULAR REPRESENTATION FUSION FOR ENHANCED MOLECULAR PROPERTY PREDICTION
12:45 – 13:00	Mislav Vorkapić: EFFECT OF PHENOL OXIDASE STIMULATION ON ASPERGILLUS NIGER–MEDIATED BIOSYNTHESIS OF SILVER NANOPARTICLES	Antun Zelić: ENHANCING CHEMICAL PROPERTY PREDICTION THROUGH COMBINED ATOMIC AND MOLECULAR DESCRIPTORS
13:00 – 13:15	Domagoj Bosiljevac: POLYPHENOLIC PROFILE AND ANTIOXIDANT CAPACITY OF SELECTED FLOWERING PLANTS BEFORE AND AFTER IN VITRO DIGESTION	Bruna Bakota: CHOLINESTERASE INHIBITION BY 2-(ACYLAMINO)ACETAMIDES: INSIGHTS FROM QUANTUM CHEMICAL DOCKING
13:15 – 13:30	Marina Varga, Marija Varga: NMR ANALYSIS OF OLEUROPEIN AND OTHER BIOACTIVE PHENOLIC COMPOUNDS IN OLIVE LEAF EXTRACT	Jana Panovska: MULTI-CRITERIA OPTIMIZATION OF THERAPEUTIC RADIOISOTOPES VIA QUANTITATIVE MCDA
13:30 – 13:45	GROUP PHOTO	
13:45 – 15:15	LUNCH BREAK	

15:15 – 16:45	<b>ROUNDTABLE DISCUSSION (A1)</b> <b>This Roundtable was Brought to You by ChatGPT</b>	<b>Andrea Usenik</b> (chair), <b>Luka Sumić</b> , <b>Milica Bogdanović</b> , <b>Predrag Pale</b> , <b>Ernest Meštrović</b>
16:45 – 17:30	<b>Chemistry over Coffee</b> PARTNERS' AND SPONSORS' STANDS (main hall of the Department of Chemistry)	
<b>SECTION VII (A1, eng/cro)</b> chair: Maria Magdalena Koprek		<b>SECTION VIII (A2, cro)</b> chair: Josip Mikulić
17:30 – 17:45	<b>Sven Marinac:</b> CALIXARENE-SOLVENT ADDUCTS FORMATION: A COMPREHENSIVE THERMODYNAMIC AND COMPUTATIONAL STUDY	<b>Mirna Sabol:</b> ALDEHYDES AS STRUCTURE-DIRECTING AGENTS IN THE MECHANOSYNTHESIS OF ZINC IMIDAZOLATE SOLID FORMS
17:45 – 18:00	<b>Vito Mijailović:</b> ADSORPTION OF POLY(4-VINYLPYRIDINE) DERIVATIVES ONTO QUARTZ NANOPATES: SIDE CHAIN LENGTH IMPACT	<b>Mila Grgurić:</b> A ROUTE TO ISOSTRUCTURAL METAL-ORGANIC HALOGEN-BONDED (MOXB) COCRYSTALS WITH DIFFERENT MAGNETIC PROPERTIES
18:00 – 18:15	<b>Olga Jerković Perić:</b> CORROSION PROTECTION OF COPPER BY POLY(ALLYLAMINE HYDROCHLORIDE)/POLY(ACRYLIC ACID) MULTILAYER	<b>Marin Knežević:</b> FERROCENE PEPTIDES AS MODELS FOR SELECTIVE CATALYSTS
18:15 – 18:30	<b>Luka Klemen:</b> CALIXARENES – YES, THEY FLUORESC!	<b>Patricija Klanac:</b> NIOBATE-PHOSPHATE-BASED GLASSES: INFLUENCE OF STRUCTURAL FEATURES ON MOBILITY OF LITHIUM CATIONS
18:30 – 18:45	short break	
<b>SECTION IX and CLOSING CEREMONY (A2)</b> chair: Ema Begović		
18:45 – 19:15	<b>INVITED LECTURE</b>	<b>Sanja Belić</b> (Faculty of Sciences, University of Novi Sad): FROM EVIDENCE TO TRUTH: FORENSIC APPROACHES IN CRIME SCENE INVESTIGATION
19:15 - ∞	<b>Closing Ceremony and Explosive Conclusions by PO Entropija</b> <b>SYMPOSIUM AFTERPARTY</b> (ground level of the Department of Chemistry, -1)	

## PROGRAMME LEGEND



biochemistry



computational chemistry



engineering



inorganic chemistry



organic chemistry



physical chemistry