



Programul SIMPOZIONULUI NAȚIONAL DE CHIMIE
EDIȚIA a XV-a
27 Octombrie 2023, Craiova



Interval orar	Activitate	Speaker
08:30-11:50	Training HPLC – Cromatografia de lichide de înaltă performanță (HPLC). Noțiuni teoretice și aplicative esențiale	Chim. Andrei Marcu – Pro Analysis
11:50-12:10	Pauză de cafea	
	Prezentări invitate	
12:10-12:30	Chimia suprafeței anozilor pentru pilele de combustie alimentate cu bioetanol și hidrogen	Dr. Simona ȘOMĂCESCU Institutul de Chimie Fizică "Ilie Murgulescu", Academia Română, București
12:30-12:50	Nuclear studies of modern and historical leather	Lect.univ.dr. Elena BADEA University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova National Research & Development Institute for Textile and Leather, ICPI Division, Advanced Research for Cultural Heritage Group (ARCH Lab), Bucharest
12:50-14:25	Pauză de prânz	
	Prezentări orale	
14:25-14:40	Challenges in the investigation of SOFC materials	Conf.univ.dr. Nicoleta CIOATERĂ University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova
14:40-14:55	Antimicrobial activity study of some binuclear complexes with Schiff bases derived from an aromatic dialdehyde and some amino acids	Lect.univ.dr. Florina CIOLAN University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova
14:55-15:10	Case study presenting the use of quantum-mechanical "zone criterion" as a clue in assigning the electronic transitions exhibited by a complex compound	Conf.univ.dr. Liana-Simona SBÎRNĂ University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova
15:10-15:25	A study on bioaccumulation and translocation of toxic metals in different species of medicinal and aromatic plants	Dr. Anda-Gabriela ȚENEA National Research and Development Institute for Industrial Ecology-ECOIND, Pollution Control Departament, Bucharest

15:25-17:00 Pauză cafea + Sesiune postere		
	New oxidation catalysts based on copper complexes with salicylidene-amino acids Schiff bases onto SBA-15 support	Prof.univ.dr. Mihaela MUREȘEANU University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova
	Antioxidant activity and total phenolic compounds content of some selected vegetables	Prof.univ.dr. Cristina BĂBEANU University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova
	The antioxidant action of vitamins during the electrodegradation of Brown HT additive	Conf.univ.dr. Bogdan TUTUNARU University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova
	Thermal stability of banana and strawberry flavouring food additives	Conf.univ.dr. Bogdan TUTUNARU University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova
	Pyrite oxidation: Characteristics of $(\text{FeS}_2\text{O})_{12}$ species, a possible reaction intermediate	Drd. Elena Cristina CĂRSTEA University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova
	Spectral characterization of betanin	Conf.univ.dr. Anca MOANȚĂ University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova
	Erythromycin decreases photosynthetic pigments content in plants from the Brassicaceae family	Lect.univ.dr. Georgeta CIOBANU University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova
	Total phenolic content and antioxidant activity of <i>Pisum sativum</i> sprouts extract	Lect.univ.dr. Cătălina IONESCU University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova
	Degradation of Methylorange by Fenton Reagent	Lect.univ.dr. Mădălina DRĂGOI University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova
	Dioximates of transitional metals. Syntheses, characterizations, applications	Lect.univ.dr. Anca GĂNESCU University of Craiova, Faculty of Sciences, Department of Chemistry, Craiova
	Enzymatic biosensors for food	Prof. Monica KOCSIS Colegiul Național Vasile Goldiș, Arad