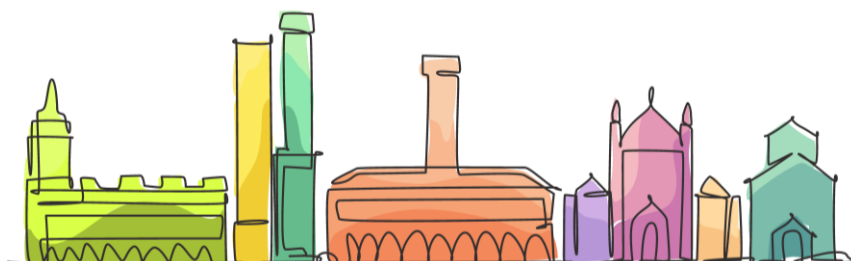


XII Workshop GC-CS
Gruppo Interdivisionale di Green Chemistry - Chimica Sostenibile
Bologna, 3-4 Luglio 2025



- POSTER & FLASH COMMUNICATIONS-

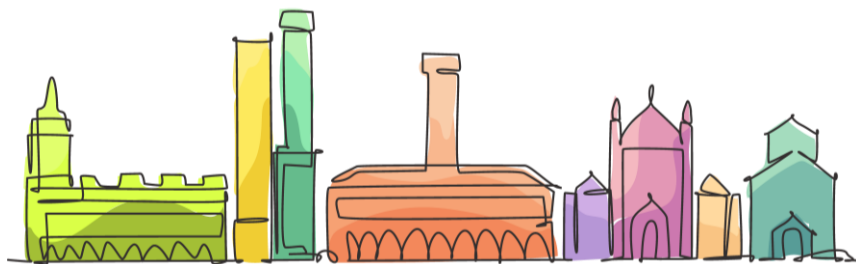
P1	Vanessa Spadavecchia <i>Università di Bologna</i>	NaDES as solvent for extraction of astaxanthin from the cyanobacterium <i>Synechococcus</i> sp. PCC 11901
P2	Oreste Piccolo <i>SCSOP</i>	Biphase catalysis: synthesis of fine chemicals
P3	Carmen Corea <i>Politecnico di Milano</i>	Spent Coffee Ground valorization: polyphenols and nanocellulose extraction
P4	Alice Cappitti <i>Università di Firenze</i>	From lignocellulosic biomass to biomaterials
P5	Arcangelo Comandè <i>Università della Calabria</i>	A new sustainable approach for the carbonylation of β -amino alcohols
P6	Maria Pagliara <i>Università di Bologna</i>	Ethanol to gasoline and sustainable aviation fuel precursors: an innovative cascade strategy over Zr-based multifunctional catalysts in the gas phase
P7	Paolo Freisa <i>Università di Torino</i>	What is hidden between amide-type solvents and acyl chlorides? Let's unveil it by NMR
P8	Haritha Kumari Arram <i>Università della Calabria</i>	Deep Eutectic Solvents as Green Solvents for Iodocyclization Reaction of 3-Alkynylthiophene-2-carboxamides
P9	Nicolò Desogus <i>Università di Torino</i>	Synergistic effects of Hydrodynamic Cavitation and Cold Plasma for the degradation of Emerging Organic Contaminants in water
P10	Pietro Rodolfo Natale <i>Università di Bologna</i>	Pilot scale PHA production, polymer extraction and drop-in chemical production by depolymerization

XII Workshop GC-CS
Gruppo Interdivisionale di Green Chemistry - Chimica Sostenibile
Bologna, 3-4 Luglio 2025

P11	Giulio Casagrande <i>Università di Bologna</i>	Towards a more sustainable photocatalyzed α -arylation of amines
P12	Claudia Antonetti <i>Università di Pisa</i>	Use of Polyols for the Eco-Friendly Leather Tanning: A Sustainable Choice
P13	Jacopo Paini <i>CNR SCITEC</i>	A multi-stage biorefinery process for the valorization of green seaweed biomass
P14	Beniamino Guzzo <i>Università di Padova</i>	Selective C-C Bond Cleavage of α -Hydroxy Acids by V-aminotriphenolate complexes
P15	Erika Zamboni <i>Università di Bologna</i>	Eco-functional biocomposites: the utilization of chestnut shells in sustainable materials
P16	Simone Di Remigio <i>Università di Bologna</i>	Harnessing Electron Donor – Acceptor Complexes in the Enantioselective β -Alkylation of Aromatic Enals: a Sustainable Strong Oxidant-Free Approach
P17	Stefano Bianchi <i>Università di Bologna</i>	Innovative End-of-Life Strategies for Bioplastics: The Potential of Mechanical Recycling
P18	Barbara Lambiase <i>Università di Bologna</i>	Urea hydrolysis in batch reactors: preliminary optimisation of reaction setup and process conditions
P19	Cristina Leonelli <i>Università di Modena e Reggio Emilia</i>	Chemical technologies for increased sustainability in waste management
P20	Chiara Lenzi <i>Università di Bologna</i>	Homogeneous Ruthenium Catalysts in the Production of 2,5-Diformylfuran and Polyimines from HMF
P21	Anna Lisa Marzorati <i>Università di Bologna</i>	Deep Eutectic Solvents (DESs) as sustainable alternative electrolytes for Vanadium Redox Flow Batteries (VRFBs)
FL1	Andrei Paraschiv <i>Università di Torino</i>	Microwave-Enhanced, Additive-Free C-H Amination of Benzoxazoles Catalysed by supported Copper
FL2	Laura Riva <i>Politecnico di Milano</i>	Turning textile waste into high-performance nanostructured cellulose-based aerogels for clean water
FL3	Andrea Piazzini <i>Università di Bologna</i>	Efficient ruthenium-catalyzed Guerbet reaction for the upgrading of Bioethanol to Higher Alcohols: a sustainable approach to biofuel production

XII Workshop GC-CS
Gruppo Interdivisionale di Green Chemistry - Chimica Sostenibile
Bologna, 3-4 Luglio 2025

FL4	Giacomo Trapasso <i>Università Ca' Foscari-Venezia</i>	Propargyl Derivatives of Isosorbide and Its Epimers: Novel Monomers for Thiol-Yne Polymerization
FL5	Ilaria Bertuol <i>Università Ca' Foscari-Venezia</i>	Metal-Free Graphitic Carbon Nitride/Carbon-Dots Composites: Unveiling Mechanochemical Synthesis Opportunities
FL6	Marco Brocchi <i>Università di Bologna</i>	New insights into the key role of the thermal treatment of V/P/O catalysts for the selective oxidation of butane to maleic anhydride
FL7	Laura Tedesco <i>Università di Torino</i>	Redesigning lignin-derived surfactants: from waste to health
FL8	Salem Ghribi <i>ISSMC-CNR</i>	Functionalized Calcium Phosphate Nanoparticles for Sustainable Phosphorus and Nitrogen Delivery in Agriculture



XII Workshop GC-CS
Gruppo Interdivisionale di Green Chemistry - Chimica Sostenibile
Bologna, 3-4 Luglio 2025



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DIPARTIMENTO
DI CHIMICA
"GIACOMO CIAMICIAN"



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DIPARTIMENTO
DI CHIMICA INDUSTRIALE
"TOSO MONTANARI"



MILESTONE
H E L P I N G
C H E M I S T S