



Scientific Program

DAY 1 – December 1st

11:30 REGISTRATION AND CHECK-IN @Conference desk

14:10 OPENING CEREMONY @Sala Quarzo

14:35 SESSION #1 @Sala Quarzo

PL01 - Ruggero Rollini (UniBO)
“Communicating Chemistry on Social Media”

15:20 SESSION #1bis @Sala Quarzo

SP01 MERCK - Roberto Pascucci
“Merck Life Science: who we are and what we do”

SP02 ENI - Deborah Melis
“Biofuels and Green Refinery”

SP03 ACS Publications - Monica Azulay Gaspar (CAS)
“Ten tips for scholarly publishing”

SP04 INSTM - Cosimo Brondi & Fabio Pizzetti
“The contribution of academic research in the science and technology of materials: the INSTM network”

SP05 EYCN - Arianna Massaro & Daniele Del Giudice
“Building bridges for young chemists: a journey through the European Young Chemists' Network (EYCN)”

16:20 COFFEE BREAK @Hall

OR01-05 & FL01-04 @Sala Quarzo
OR06-10 & FL05-08 @Sala Giada
OR11-13 & FL09-15 @Sala Zaffiro-Turchese
FL16-28 @Sala Smeraldo-Rubino

19:30 DINNER @Ristorante Hotel Sporting THEME & DRESS CODE: “Merry Christmas!”

21:30 POSTER SESSION @Sala Ametista & WELCOME DRINK @Hall POS01-23 & FL01-28



Scientific Program

h 16:50 SESSION #2A @Sala Quarzo CHAIRPERSON: Arianna Massaro & Cosimo Brondi

OR01 Muhammad Atif (SNS)

Theoretical investigation of the OH-initiated atmospheric degradation mechanism of fluorinated ethers

OR02 Alessandro Azzali (Sapienza)

Machine learning interatomic potentials for lithium thiophosphates electrolytes

OR03 Giulia Ciattaglia (Sapienza)

A thermodynamical and structural study of dimethomorph- β -cyclodextrin host-guest complexes

OR04 Francesca Fasulo (UniNA)

New insights on hemocyanin oxygen transport features: a QM/MM-NEVPT2 perspective

OR05 Matteo Spotti (UniMIB)

Modeling dynamic electrochemical impedance spectroscopy for hydrogen evolution reaction on single-atom catalysts

FL01 Federica Borzelli (Sapienza)

Unveiling aptamer features and selectivity through molecular dynamics: the case of OBA3

FL02 Francesca D'Ambrosio (Sapienza)

A computational approach to the study of carbon nanodots for the determination of their structure and properties

FL03 Clara Saetta (UniMIB)

Single-atom catalysts on goldene

FL04 Aafia Sehar (SNS)

Reaction mechanisms and kinetics of the OH-initiated atmospheric degradation of acrolein and its geminal diol



Scientific Program

h 16:50 SESSION #2B @Sala Giada

CHAIRPERSON: Eleonora Rossi & Andrea Cerrato

OR06 Laura Barone (UniCT)

Spectroscopic analyses of H₂O:CO₂ ices in simulated space environments: a preliminary study in support of the JUICE mission

OR07 Francesco Brenda (UniBO)

Life cycle assessment of an inulin-loaded biodegradable poly(butylene adipate-co-terephthalate) (PBAT) composite material for packaging and agricultural applications

OR08 Simone Ranier (UniPM)

Development and characterization of lignin-based hydrogels for efficient adsorption and removal of emerging pollutants from aqueous environment

OR09 Roberto Giannelli (UniFI)

Thermochemical valorization of chaetomorpha linum from Orbetello lagoon

OR10 Mariangela Oggianu (UniCA)

A new anilato-based series of 3D MOFs for environmental quality

FL05 Sara Camorali (PoliMI)

Doubling down on bispidines: novel tetratopic ligands for coordinative polymerization

FL06 Gioele Ancora (UniUPO)

Top-down strategies for tailoring porosity in zeolites: comprehensive evaluation of structural and adsorption properties.

FL07 Marco Marinsalta (PoliMI)

Modelling of electrochemically enhanced leather tanning

FL08 Leonardo Sparascio (UniBO)

Life cycle assessment of an environmentally sustainable approach for metal recovery from battery cathode production scraps



Scientific Program

h 16:50 SESSION #2C @Sala Zaffiro-Turchese

CHAIRPERSON: Erika Palazzi & Daniele Del Giudice

OR11 Stefano Liotino (UniBA)

*Porcine plasma protein-based superabsorbent materials:
the influence of salts on the absorption properties*

OR12 Samuele Ruffoli (UniBO)

Design and synthesis of vanadyl-based molecular qubits using macrocyclic ester ligands

OR13 Sara Scuderi (UniCT)

Influence of substituent nature and substitution pattern on spectroscopic properties of a series of new chromogenic and fluorogenic Zn(salma) complexes

FL09 Arianna De Santis (PoliMI)

Exploring the potential of nanocellulose as coating agent for enhanced barrier performance of paper-based materials

FL10 Gloria Nicastro (PoliMI)

*Cellulose-based nanosponges loaded with hydrophobic eutectics:
breakthrough solutions for water remediation*

FL11 Maria Gentile (UniSA)

Development of bio-based PLA thermosets with chemical recycling potential

FL12 Nicole Canzian (UniVE)

*Management of plastics waste and development of sustainable bio-composites:
an approach for the circular economy*

FL13 Lorenzo Filidei (UniPI)

NMR characterization of HA-BDDE hydrogels and prospective functionalization with pH indicators

FL14 Gioele Foltran (UniVE)

Study of bio-based fillers and additives for the production of biodegradable biopolymers

FL15 Sara Sajied (UniCAM)

Development of bio-stimulating nanofibrous scaffold via electrospinning from polymer/cyanobacterial extracts solution



Scientific Program

h 16:50 SESSION #2D @Sala Smeraldo-Rubino CHAIRPERSON: Alice Cappitti & Angela Marotta

FL16 Sanam Gull Arshad (UniSA)	<i>Vinylogous aldol reaction od isochroman-3,4-dione</i>
FL17 Tommaso Castiglia (UniBA)	<i>o-Methyl choline acetate as a novel reaction media for Pd@slag catalyzed Heck cross-coupling: a renewable and efficient new pathway</i>
FL18 Riccardo Ciciriello (UniBA)	<i>Palladium-catalyzed Buchwald-Hartwig amination assisted by infrared irradiation</i>
FL19 Michela Galli (UniMI)	<i>Functionalization of E3 ligase recruiters in the green solvent Cyrene: a sustainable approach for the synthesis of PROTACs precursors</i>
FL20 Gabriele Maria Gargano (UniPA)	<i>Carbon nano-onion/poly ionic liquid/POM hybrid as recyclable catalyst for the oxidation of alcohols</i>
FL21 Marta Ippolito (UniPA)	<i>Probing Ni in Co-doped LaFeO₃ perovskites by synchrotron X-ray absorption spectroscopy</i>
FL22 Chiara Lenzi (UniBO)	<i>Efficient Ruthenium-catalyzed Guerbet reaction for bioethanol upgrading to higher alcohols</i>
FL23 Elison Lepore (UniCAM)	<i>Novel Double-Brønsted acidic deep eutectic solvents and their applications as solvents and catalysts in chemical transformations</i>
FL24 Roberta Marino (Sapienza)	<i>Mechanistic switchover in Fe-catalyzed amination controlled by hydroxylamine-derived reactants: from free radical to metal-based reactivity</i>
FL25 Assunta Perri (UniCAL)	<i>Towards sustainable API production: lidocaine synthesis in deep eutectic solvents</i>
FL26 Paolo Reale (UniPA)	<i>Melamine-amino acid based eutectogel as reusable catalyst for aldol reaction</i>
FL27 Sara Venturi (PoliTO)	<i>Coupling TiO₂ with CuInS₂ Quantum Dots toward solar CO₂ reduction</i>
FL28 Sara Vllahu (UniSA)	<i>Synthesis of Zeolitic imidazolate framework-8 (ZIF-8) in solvents alternative to DMF</i>



Scientific Program

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09:00 SESSION #3 @Sala Quarzo

PL02 - Elza Bontempi (UniBS)

"A microwave route to recover strategic metals from spent battery"

09:45 PRIMO LEVI AWARD 2024 @Sala Quarzo

Introduction & Award Ceremony

10:30 GROUP PICTURE !

10:40 COFFEE BREAK @Hall

11:00 PARALLEL SESSIONS #4

OR14-20 & FL29-32 @Sala Quarzo

OR21-25 & FL33-40 @Sala Giada

OR26-31 & FL41-45 @Sala Zaffiro-Turchese

OR32-34 & FL46-57 @Sala Smeraldo-Rubino

12:30 BUSINESS LUNCH @Ristorante Hotel Sporting

14:00 SESSION #5 @Sala Quarzo

PL03 - Francesca D'Anna (UniPA)

"From cyclodextrins to porous organic frameworks: my journey during the last twenty years"

14:45 ASSEMBLEA ANNUALE DEI SOCI DEL GRUPPO GIOVANI @Sala Quarzo

15:45 SESSION #5bis @Sala Quarzo

PL04 - Paola Vivo (Tampere University)

"Perovskite-inspired materials: powering the next-generation of indoor photovoltaics"

16:30 COFFEE BREAK&POSTERS #6 @Sala Ametista

POS24-45 & FL29-57

17:30 PARALLEL SESSIONS #7

OR35-42 @Sala Quarzo

OR43-52 @Sala Giada

OR53-60 @Sala Zaffiro-Turchese

20:00 DINNER @Ristorante Hotel Sporting

DRESS CODE: "Single Wavelength!"

23:00 DISCO PARTY @Coconut



Scientific Program

h 11:00 SESSION #4A @Sala Quarzo CHAIRPERSON: Chiara Maccari & Luca Paterlini

OR14 Luca Soldati (UniPI)

Detection of mechanical damage in plastics via diarylacetonitrile probes

OR15 Tommaso Gentili (Sapienza)

Photon avalanche in metal-organic frameworks: converting infrared light into visible emission and motion

OR16 Laura Beltrán (TorVergata)

DNA condensates containing client silica nanoparticles (SiNPs) for theranostic applications

OR17 Vincenzo Tedeschi (UniBA)

Nanostructured luminescent biomaterials from organic dyes and diatom frustules

OR18 Roberta Stile (UniBO)

Supramolecular gels from lipoamino acids: study and applications

OR19 Luca Scozzafava (Sapienza)

Direct ink writing of methyl methacrylate and styrene via tailored high internal phase emulsions

OR20 Elisa Giovanna Faggioli (PoliMI)

Exploring the role of amino-functionalised nanocellulose materials as organocatalysts and metal-coordinating scaffolds

FL29 Filippo Lugli (UniMORE)

Electroanalytical determination of cannabinoids in hashish samples for future implementations in electrochemical sensors

FL30 Alessandra Glovi (UniNA)

Detecting circulating miRNA for next-generation liquid biopsy in breast cancer

FL31 Chiara Grassi (UniMORE)

Synergistic use of nanomaterials and rice husk-derived silica for sustainable water purification

FL32 Carla Aliberti (UniNA)

Development of T30175 G-quadruplex analogues as potential drug carriers



Scientific Program

h 11:00 SESSION #4B @Sala Giada**CHAIRPERSON: Matteo Bonomo & Cosimo Brondi****OR21** Andrea Angelucci (Sapienza)*Lanthanide-based porphyrazine derivatives:
chemico-physical properties and potential applications in biomedicine***OR22** Elena Cassera (UniPV)*Aldehydes as CO releasing molecules: in-situ and ex-situ Giese reactions and
Palladium catalyzed aminocarbonylations***OR23** Daniele Conelli (PoliBA)*Halide-rich $Cs_3Bi_2Br_9$ nanocrystals as efficient photocatalysts for
visible-light-driven benzyl alcohol oxidation***OR24** Rijul Bajaj (PoliTO)*Role of cyclic carbonates in enhancing UV-cured PEO-PEC electrolytes for
room temperature lithium metal batteries***OR25** Aurora D'Arrigo (Sapienza)*Transient changes in conductivity of a water solution by means of an activated carboxylic acid***FL33** Hiba Ali (PoliTO)*Influence of synthesis conditions on the structure and electrochemical performance of
Prussian White $KMnHCF$* **FL34** Daniel A. Machado de Alencar (UniTO)*Phenothiazine-triarylamine small molecule hole transport materials for next-generation semi-transparent perovskite solar cells***FL35** Gabriele Manenti (UniSI)*A rational design strategy for visible light-modulable dual-target $AChE/MAO-B$ inhibitors***FL36** Francesco Riina (UniFE)*Catalyst-free synthesis of α -C-Glycoside derivatives via Giese reaction driven by
photoactivated electron donor-acceptor (EDA) complexes***FL37** Arianna Giacchero (UniTO)*Designing efficient photocatalysts for green solar-to-propellant conversion***FL38** Francesco Ricco (UniTO)*Defect and morphology engineering of Strontium Titanium Oxide (STO) for enhanced
photocatalytic water splitting***FL39** Sharon Silloni (UniPG)*Selective semi-hydrogenation of acetylene to ethylene in water powered
by a $CuInS_2/ZnS$ QDs photocatalyst***FL40** Marianna Barbieri (UniPD)*Aggregation-induced enhanced emission and photocatalysis with supramolecular polymers*



Scientific Program

h 11:00 SESSION #4C @Sala Zaffiro-Turchese

CHAIRPERSON: Laura Alessandroni & Andrea Cerrato

OR26 Lorenzo Marino Cerrato (UniNA)	<i>Development and validation of an UHPLC-FLD method for the monitoring of BPA and BPF in infant milk</i>
OR27 Veronica D'Eusanio (UniMORE)	<i>Tracing the aging of Italian balsamic vinegars through compound-specific isotope analysis</i>
OR28 Manuel Monti (UnINSUBRIA)	<i>Chemometric analysis of Durum wheat using portable NIR spectrometers: effects of acquisition mode and instrumental variability</i>
OR29 Camila Cossettin Teixeira (UniTN)	<i>Modulation of aroma release in industrial ice cream through hydrocolloid blends</i>
OR30 Giorgia Rinaldi (UniME)	<i>Development of an integrated analytical system for the analysis of chiral and achiral pesticides in food</i>
OR31 Vincenzo Piccolo (UniNA)	<i>Enriched glucosinolate-extracts from radish microgreens as novel nutraceuticals with antihypertensive potential</i>
FL41 Carmen Corea (PoliMI)	<i>Polyphenols and nanocellulose extraction from spent coffee ground: a path to waste valorization</i>
FL42 Vincenzo Roselli (UniBA)	<i>Grape pomace as an alternative source for the sustainable production of polyphenol-rich extracts</i>
FL43 Elettra Della Ceca (UniCAM)	<i>Turning blue crab shell into a resource</i>
FL44 Andrea Gotti (UniMI)	<i>Cannabizetol, a novel cannabinoid: chemical synthesis, anti-inflammatory activity and extraction from <i>Cannabis sativa L.</i></i>
FL45 Mehdi Moayedi (UniPD)	<i>Real-time monitoring of VOCs employing PTR-ToF-MS for shelf-life assessment in <i>Agaricus bisporus</i></i>



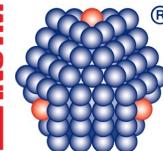
Scientific Program

h 11:00 SESSION #4D @Sala Smeraldo-Rubino**CHAIRPERSON: Alessio Romerio & Giovanni Falcone**

OR32 Aleksei Smirnov (UniCAM)	<i>Antagonists and inverse agonists efficacy at A2A adenosine receptors in comparison for the treatment of colorectal cancer</i>
OR33 Andrea Tresoldi (UniMI)	<i>Nanoparticle-mediated delivery of novel MbtI Inhibitors as an anti-virulence strategy against <i>Mycobacterium tuberculosis</i></i>
OR34 Chiara Di Donato (UniBO)	<i>Refactored M13 phage bioconjugates: a novel platform for precision cancer therapy</i>
FL46 Chiara Billi (UniNA)	<i>New butyric acid-releasing glucosamine derivatives for the treatment of inflammatory-based diseases</i>
FL47 Alessia Bono (UniPa)	<i>BREAST “Breast cancer Enhanced AI Supported Therapy”: AI-based machine learning algorithms for triple-negative breast cancer personalized treatment</i>
FL48 Sara Cascone (UniBO)	<i>Structural determinants underlying the supramolecular binding between carborane and proteins in water</i>
FL49 Veronica Kost (UniTS)	<i>Fluorescent BN-CDs for light-emitting devices</i>
FL50 Gabriele La Monica (UniPa)	<i>Exploring activated ester warheads as covalent fragments with dual antiviral and anticancer applications</i>
FL51 Francesca Mancuso (UniME)	<i>Novel benzylxy-substituted 2-phenylbenzimidazoles: a sustainable approach to develop elastase inhibitors</i>
FL52 Beatrice Di Mattia (Sapienza)	<i>Synthesis and formulation of estrogenic soft drugs</i>
FL53 Alessia Lanzini (UniMI)	<i>Computational design and evaluation of novel GPR84 PET tracers targeting neurodegenerative diseases</i>
FL54 Leonardo Milioni (UniSI)	<i>Pseudomonas aeruginosa Quorum Sensing systems as drug targets: design of new tools aimed at inhibiting biofilm formation</i>
FL55 Clara Mocchetti (UniMI)	<i>Design and development of nucleophile-electrophile adducts based on cannabinoids as anti-inflammatory and antioxidant agents</i>
FL56 Mirko Pineschi (UniSI)	<i>Targeting trypanothione reductase: exploring the potential of 5-nitro-tiophene-based inhibitors</i>
FL57 Giorgia Tempra (UniMI)	<i>Targeted degradation of translational regulators in the progression from MASLD to hepatocellular carcinoma</i>



Scientific Program



h 17:30 SESSION #7A @Sala Quarzo

CHAIRPERSON: Alessio Romerio & Fabio Pizzetti

OR35 Cristina Fiorio (UniVR)

Development of gold nanoparticles functionalized with peptides to target peri-synaptic integrin receptors $\alpha V\beta 3$

OR36 Sara Amata (UniPA)

Synthesis and biological evaluation of 1,2,4-oxadiazole salts and derived functional materials

OR37 Chiara Battisegola (UniNA)

Overcoming cancer therapy resistance: the role of arginase inhibitors

OR38 Leonardo Brunetti (UniBA)

New insights into anti-inflammatory biased FPR2 agonism by ureidopropanamide derivatives

OR39 Gabriele Carullo (UniSI)

Uncovering a mutation-independent therapeutic strategy against inherited retinal diseases: development of class I HDAC/LSD1 hybrid inhibitors

OR40 Jacopo Castagnoli (UniPI)

Design and development of NPs based on thiolated derivative of hydroxypropyl- β -cyclodextrin (HP β CD-SH) for improving ocular delivery of lipophilic drugs

OR41 Alessio Colleoni (UniMI)

Light-dependent modulation of bacterial adhesion as a novel antibiofilm strategy

OR42 Alessia Agata Corallo (UniSI)

New CB2 dual steric ligands for the treatment of multiple sclerosis



Scientific Program

h 17:30 SESSION #7B @Sala Giada

CHAIRPERSON: Alice Cappitti & Angela Marotta

OR43 Julian Buchholz (MPICEC)

Anodic decarboxylative alkylation reaction of electron poor double bonds, enabling a sustainable and catalyst-free alternative to minisci-type reactions

OR44 Sara Caselli (UniURB)

Sequential Michael addition/aza-Wacker-type cyclization reaction for the efficient synthesis of fused indolines

OR45 Francesco Panico (UniMI)

From life's origin to CO₂ conversion technologies: lessons from alkaline hydrothermal vents

OR46 Enrico Scelsi (UniBA)

Optimization of supercritical CO₂ fluid extraction of lipids from process waste of organic municipal solid waste treatment plant using Box-Behnken experimental design

OR47 Roberta Di Lecce (UniBO)

Phytochemical and biological characterisation of red apple pomace extracts obtained using natural deep eutectic solvents and a response surface approach

OR48 Martina Silaco (UniPA)

New frontiers in the conversion of fructose to 5-hydroxymethylfurfural: the potential of covalent organic frameworks as catalysts in deep eutectic solvents.

OR49 Francesca Conticelli (UniCAM)

Lewis acids vs Brønsted acids in the chemical recycling of polylactic acid: a comparison of catalytic efficiency

OR50 Cristian Reale (UniME)

Supercritical fluid chromatography to improve the sustainability of methods for lipidomics

OR51 Alessandra Sessa (UniSA)

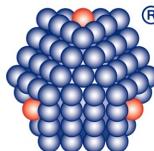
An early-stage assessment of lab-scale glycerol carbonate preparation through the LCA methodology

OR52 Riccardo Piacquadio (UniSA)

From renewable monomers to functional elastomers: sequential organocatalytic strategies for sustainable TPEs



Scientific Program



h 17:30 SESSION #7C @Sala Zaffiro-Turchese

CHAIRPERSON: Luca Paterlini & Daniele Del Giudice

OR53 Gabiella Iula (UniNA)

Assessing cellular toxicity through the use of portable electrochemical strips

OR54 Claudia Martínez Asenjo (UniBO)

Enhanced co-reactant electrochemiluminescence for bead-based immunoassays

OR55 Wanda Cimmino (UniNA)

Decentralized electroanalysis and chemometrics: a potent merging for new analytical applications

OR56 Giulia Marcolli (PoliMI)

Synthesis of bispidine-based fluorinated chemosensors for selective metal ion recognition

OR57 Marco Ricci (UniUPO)

From Gadolinium(III) to Iron(III): coordination polymers for T1-MRI and photothermal therapy

OR58 Chiara Cavazzoli (UniMORE)

Mesoporous bioactive glasses as multifunctional materials for biomedical applications

OR59 Maria Luisa Perina (UniCT)

Albumin oxidation alters protein binding capability to amyloid- β peptide

OR60 Diandra Mauro (UniTS)

From micro to nanospheres for smart coatings development



24th edition of Merck Young Chemists' Symposium 2025

Rimini, 1st-3rd December 2025

Scientific Program

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DAY 3 – December 3rd

09:00 PARALLEL SESSIONS #8

OR61-67 @Sala Quarzo

OR68-75 @Sala Giada

OR76-82 @Sala Zaffiro-Turchese

OR83-89 @Sala Smeraldo-Rubino

10:20 COFFEE BREAK @Hall



10:50 SESSION #9 @Sala Quarzo

PL05 - Alberto Dolci (Bolton Food)

“Venturing in Research & Innovation: How they are changing to adapt onto new challenges”

12:05 AWARDS



12:20 CLOSING CEREMONY

12:35 BUSINESS LUNCH @Ristorante Hotel Sporting





Scientific Program

h 09:00 SESSION #8A @Sala Quarzo

CHAIRPERSON: Eleonora Rossi & Laura Alessandroni

OR61 Federica Bucolo (UniME)

Schiff base/MoS₂-modified electrodes for sensitive detection of lead ions

OR62 Giulia Brioschi (UniMI)

Chemo-enzymatic synthesis of stilbenoid metabolites and derivatives as potential antimicrobial agents

OR63 Agostino Attinà (UniCT)

Selective and sensitive vapochromic detection of pyridine vapors using smartphone-assisted RGB color analysis

OR64 Marco De Salvo (UniME)

Comprehensive LC×LC for food analysis: principles, strategies, and recent developments

OR65 Chiara Abate (UniME)

Removal of lithium in aqueous solution using spent halloysite-based catalysts and its electrochemical detection using screen-printed carbon electrodes modified with LiMn₂O₄

OR66 Jiayi Zhang (PoliTO)

Breath analysis of participants of forest bathing by PTR-ToF-MS and TD-GC-MS

OR67 Costantino Cau (UniSS)

Surface chemistry insights into the mineral carbonation of granite scraps and red muds, a XPS study



Scientific Program

h 09:00 SESSION #8B @Sala Giada

CHAIRPERSON: Matteo Bonomo & Arianna Massaro

OR68 Sara Ferrara (UniTO)

NIR dyes and polyurethane matrices for colourless luminescent solar concentrators

OR69 Irene Motta (UniPD)

*From molecule to device:
bright Eu³⁺ supramolecular cages for aesthetically compliant photovoltaic windows*

OR70 Daniele Motta (UniTO)

Design of deep eutectic solvent for efficient I₂ and CO₂ capture

OR71 Swareena Jain (UniTO)

*Plasmonic nanomaterials for photocatalysis:
morphology, dielectric environment and operando insights*

OR72 Sabrina Moreira Eyer Cabral (UniSI)

*Molecular photoswitches based on 3-benzylideneindolin-2-one scaffold
as potential Combretastatin analogues*

OR73 Andrea Odoardo (UniFE)

*Development of diamino-terphenyl covalent triazine polymers
as visible-light heterogeneous photocatalysts*

OR74 Donato Pasculli (UniTO)

NIR dyes and organic redox mediators for transparent dye sensitized solar cells

OR75 Agnese Purgatorio (UniPG)

*On the speciation in the liquid-phase synthesis of sulfide-based electrolytes
for all-solid-state batteries*



Scientific Program

h 09:00 SESSION #8C @Sala Zaffiro-Turchese

CHAIRPERSON: Laura Riva & Anna Dall'Anese

OR76 Vincenzo Battaglia (UniSA)

Asymmetric synthesis of trifluoro-methylated tetrasubstituted epoxides catalyzed by Takemoto's thiourea

OR77 Chiara Busonera (UniCA)

Effect of cerium precursor, calcination and dehydrating agents on the performance of nanostructured CeO₂ catalysts for direct synthesis of dimethyl carbonate

OR78 Maria Sara Scatigna (UniTO)

C-H bond activation using enzyme-inspired MOF ligands for copper coordination

OR79 Francesca De Robertis (PoliBA)

Selective recovery of copper from waste printed circuit boards to drive methanol dehydration to dimethyl ether

OR80 Giulia Maria Itri (UniRC)

From e-waste to catalyst: selective production of furfuryl alcohol from recovered LCO battery materials

OR81 Martina Morello (UniPG)

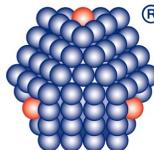
Catalytic chemical upcycling of branched polyolefins

OR82 Antonio Cosimo Pio Trimboli (UniRC)

Catalytic upcycling of polyethylene comparing different mechanochemical systems



Scientific Program



h 09:00 SESSION #8D @Sala Smeraldo-Rubino

CHAIRPERSON: Alessio Romerio & Giovanni Falcone

OR83 Enrico Mario Alessandro Fassi (UniMI)

Using artificial intelligence to design novel WWP1 inhibitors for treating triple-negative breast cancer

OR84 Maria Cristina Molaro (UniNA)

PISA-engineered polymeric nanoparticles for the targeted delivery of FS536, a doxorubicin–nitric oxide hybrid with anti-MDR activity

OR85 Antonietta Mollo (UniNA)

Novel SARS-CoV-2-PLpro chemical cluster: from identification to optimization

OR86 Marco Paparella (UniBA)

Leveraging nature as source of potential anti-Alzheimer's drugs: the NInFA project

OR87 Alessia Piergentili (UniCAM)

Purine-based compounds as potential REXO2 inhibitors

OR88 Erika Primavera (UniPG)

Folding interfering small molecules as next-generation therapeutics for AKT1-driven diseases

OR89 Sara Rossi (UniPR)

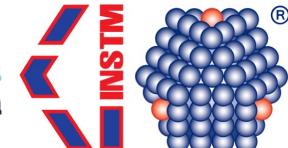
Rearming the toolbox against Monkeypox: new tecovirimat analogues for target exploration



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LIST OF POSTER CONTRIBUTIONS – DAY 1

POS01 Allevi Dario	POS13 Curia Arianna	POS24 Manca Gabriele	POS36 Pellegrino Michele
POS02 Amaddio Corinne	POS14 D'Alessandro Eleonora	POS25 Marotta Angela	POS37 Rabbani Wafda
POS03 Bononi Giulia	POS15 Doardo Matilde	POS26 Martinini Samuel	POS38 Rivi Mirco
POS04 Bosetti Emanuele	POS16 Fanciullacci Giorgia	POS27 Massaro Arianna	POS39 Riva Laura
POS05 Boutagou Kawther	POS17 Fusto Letizia Maria	POS28 Meraviglia Silvia	POS40 Sangalli Umberto
POS06 Caccia Aziza	POS18 Giammarino Francesca	POS29 Migliano Francesco	POS41 Santoni Chiara
POS07 Caporale Marilena	POS19 Grande Tommaso	POS30 Milia Manuela	POS42 Sole Roberta
POS08 Cartamina Emanuele	POS20 Gritti Alessandra	POS31 Mori Leonardo	POS43 Spirio Laura
POS09 Castiglione Davide	POS21 Iennaco Alessia	POS32 Nardi Alberto	POS44 Trevisan Letizia
POS10 Cavinato Luca Maria	POS22 Maccarino Lorenzo	POS33 Nunziata Giuseppe	POS45 Wang Yuan
POS11 Ceriani Federica	POS23 Maiorana Leonardo	POS34 Pace Annalisa	POS46 Xi Menghzen
POS12 Cosenza Chiara		POS35 Panzetta Edoardo	POS47 Piacenza Pietro



Scientific Program

LIST OF FLASH PRESENTATIONS – DAY 1

FL01	Federica Borzelli	FL15	Sara Sajied
FL02	Francesca D'Ambrosio	FL16	Sanam Gull Arshad
FL03	Clara Saetta	FL17	Tommaso Castiglia
FL04	Aafia Sehar	FL18	Riccardo Ciciriello
FL05	Sara Camorali	FL19	Michela Galli
FL06	Gioele Ancora	FL20	Gabriele M. Gargano
FL07	Marco Marinsalta	FL21	Marta Ippolito
FL08	Leonardo Sparascio	FL22	Chiara Lenzi
FL09	Arianna De Santis	FL23	Elison Lepore
FL10	Gloria Nicastro	FL24	Roberta Marino
FL11	Maria Gentile	FL25	Assunta Perri
FL12	Nicole Canzian	FL26	Paolo Reale
FL13	Lorenzo Filidei	FL27	Sara Venturi
FL14	Gioele Foltran	FL28	Sara Vllahu

LIST OF FLASH PRESENTATIONS – DAY 2

FL29	Filippo Lugli	FL44	Andrea Gotti
FL30	Alessandra Glovi	FL45	Mehdi Moayedi
FL31	Chiara Grassi	FL46	Chiara Billi
FL32	Carla Aliberti	FL47	Alessia Bono
FL33	Hiba Ali	FL48	Sara Cascone
FL34	Daniel A. M. de Alencar	FL49	Veronica Kost
FL35	Gabriele Manenti	FL50	Gabriele La Monica
FL36	Francesco Riina	FL51	Francesca Mancuso
FL37	Arianna Giacchero	FL52	Beatrice Di Mattia
FL38	Francesco Ricco	FL53	Alessia Lanzini
FL39	Sharon Silloni	FL54	Leonardo Milioni
FL40	Marianna Barbieri	FL55	Clara Mocchetti
FL41	Carmen Corea	FL56	Mirko Pineschi
FL42	Vincenzo Roselli	FL57	Giorgia Tempra
FL43	Elettra Della Ceca		