



XLIII Convegno Nazionale della Divisione di Chimica Organica

Napoli, 13 | 17 settembre 2026

Hotel Royal Continental | Centro Congressi Federico II

PROGRAMMA

www.cdco2026.it

Strutture congressuali

Centro Congressi Hotel Royal Continental

Via Partenope, 38 Napoli

- Auditorium (sessioni plenarie e sessioni parallele)
- Sala Aragonese (sessioni parallele)
- Aree catering
- Zone espositive sponsor

Centro Congressi Partenope, Università di Napoli Federico II

Via Partenope, 36 Napoli

- Aula Magna (sessioni parallele)
- Aula A (sessioni parallele)
- Livello 1 (sessioni poster)

Calendario delle attività

[illegible]

Domenica 13 Settembre 2026 – Pomeriggio

Auditorium Royal Continental	
14:00 – 15:30	Registrazione
15:30 – 16:00	Saluti e Premiazioni
Chairperson: Marco Lucarini	
16:00 – 16:30	M-01 Medaglia Angelo Mangini - Vito Capriati <i>The Same and Not the Same: Molecular Identity and Reactivity in the Weird World of Water and Deep Eutectic Solvents</i>
Chairperson: Fernando Formaggio	
16:30 – 17:00	M-02 Medaglia Adolfo Quilico - Antonio Molinaro <i>The Power of Sugars</i>
Chairperson: Giorgia Oliviero	
17:00 – 17:30	PR-S1 Premio “Chimica Organica per le Scienze della Vita” - Anna Piperno <i>From Modular Assembly to Biological Function: Stimuli-Responsive Hybrid Nanoarchitectonic Biomaterials for Life Science</i>
Chairperson: Anna Bernardi	
17:30 – 18:00	PR-S2 Premio “Chimica Organica per l’Ambiente, l’Energia e le Nanoscienze” - Matteo Calvaresi <i>Protein- and Phage-Based “Trojan Horses”: A Nanoarchitectonic Approach to Theranostics</i>
Chairperson: Cristina Prandi	
18:00 – 18:30	PR-S3 Premio “Chimica Organica nei suoi Aspetti Metodologici” - Alessandra Puglisi <i>Novel Activation Methods for the Sustainable Synthesis of Valuable Organic Molecules</i>
18:30 – 18:45	EuJOC Best Research Article Award
19:30	Cocktail di Benvenuto - Hotel Royal Continental

Lunedì 14 Settembre 2026 - Mattina

Auditorium Royal Continental	
Chairperson: Marcella Bonchio	
09:00 – 09:30	KN-01 Peter R. Schreiner <i>London Dispersion in Molecular Catalysis</i>
Transition-Metal Catalysis and Sustainable Synthetic Methodologies	
Chairperson: Bartolo Gabriele	
09:45 – 10:00	OC-01 Sofia Tropiano <i>Synthesis of Benzoxepinoindolone Derivatives by PdI₂-Catalyzed Oxidative Carbonylation</i>
10:00 – 10:15	OC-02 Mariangela Novello <i>Atmospheric-Pressure Desulfurative Carbonylation of Thiols and Disulfides via Ni/Co Bimetallic Synergy</i>
10:15 – 10:30	OC-03 Gianpiero Cera <i>Iron-catalyzed C-H Functionalizations Enabled by Triazoles</i>

10:30 – 10:45	OC-04 Monica Fiorenza Boselli <i>Photogenerated N-Oxazolidinone Radicals and their Addition to π-Systems</i>
Sala Aragonese Royal Continental	
Peptide-Based Materials/Supramolecular Systems	
Chairperson: Melchiorre Parisi	
09:45 – 10:00	OC-05 Lucio Spinelli <i>Impact of Nanoparticle Composition and PEGylation on Protein Corona Profiling and Cellular Uptake</i>
10:00 – 10:15	OC-06 Marko Mihajlovic <i>Short Peptide-Based Redox-Active Supramolecular Structures</i>
10:15 – 10:30	OC-07 Sara Amata <i>Fluorinated 1,2,4-Oxadiazole-Based Supramolecular Systems for Wastewater Pollutants Sensing</i>
10:30 – 10:45	OC-08 Davide Marin <i>Interaction between Nanostructured Peptide Hydrogels and UV Light</i>
Aula Magna Centro Congressi Federico II	
Medicinal Chemistry/ Drug Conjugation	
Chairperson: Franca Zanardi	
09:45 – 10:00	OC-09 Ignazio Fiduccia <i>Oxadiazoles as Translational Readthrough Promoters in α-Choroideremia: a Precision Strategy for Nonsense Mutations</i>
10:00 – 10:15	OC-10 Daniela Arosio <i>Design and Synthesis of Effective HuR Inhibitors: a Journey from Hit Identification to Lead Optimization</i>
10:15 – 10:30	OC-11 Maria Ruggirello <i>Novel Rebridging Systems for Fab and Antibody-Drug Conjugates Applications</i>
10:30 – 10:45	OC-12 Pasquale Rapacciuolo <i>LIFR as a Central Node in Multitarget Drug Design: Development of Dual Modulators for Inflammatory-Based Diseases</i>
Aula A Centro Congressi Federico II	
G4/Biofilm/Proteomics	
Chairperson: Gennaro Piccialli	
09:45 – 10:00	OC-13 Daniela Benigno <i>Controlling G-quadruplex Organization in Aptamer-Drug Conjugates: Impact of Tail Orientation and Linker Chemistry on Structure and Anticancer Activity</i>
10:00 – 10:15	OC-14 Stefano Volpi <i>Stabilization of Telomeric G-Quadruplex Using Cationic Calixarenes</i>
10:15 – 10:30	OC-15 Silvana Alfei <i>Double-Cations QPS Having Excellent Antibacterial Effects, Inhibits Biofilm by Strong Biofilm Producers Staphylococcal Superbugs</i>
10:30 – 10:45	OC-16 Alessandra Capuano <i>Functional Proteomics Decodes AMPD2 as a Novel Target of Myrianthic Acid, a Natural Triterpenoid Endowed with Multitarget Cancer Modulation</i>
10:45 – 11:15	Coffee Break
Auditorium Royal Continental	

Green and Sustainable Synthetic Methodologies

Chairperson: **Alessandra Napolitano, Enrico Marcantoni**

11:15 – 11:30	OC-17 Paolo Bonino <i>A Green and Aerobic Micellar Suzuki–Miyaura Coupling with Low Pd Loading Enabled by a Lignin-Derived Surfactant</i>
11:30 – 11:45	OC-18 Fabio Bellina <i>Metal-free C–H Arylation of Imidazoles via In Situ Diazotization under Aqueous Conditions</i>
11:45 – 12:00	OC-19 Luciana Cicco <i>Aerobic Iron-Catalyzed Kumada-Type Cross-Couplings in Deep Eutectic Solvents under Ligand-Free Conditions</i>
12:00 – 12:15	OC-20 Fabrizio Medici <i>Recycled Rare Earth Elements as Catalysts in Organic Transformations</i>
12:15 – 12:30	OC-21 Luca Zoia <i>Mechanochemical Glycidylation of Kraft Lignin: a Sustainable Route to Bio-Based Epoxy Precursors</i>
12:30 – 12:45	OC-22 Davide Gornati <i>Practical and Scalable Manufacturing Process for a Sparsentan Key Intermediate</i>

Sala Aragonese Royal Continental

DES/ Green Extraction

Chairperson: **Antonella Fontana, Giuseppe Gattuso**

11:15 – 11:30	OC-23 Claudia Pasqualini <i>Novel Hydrophobic to Hydrophilic Switchable Natural Deep Eutectic Solvents and their Application for the Selective Extraction of Astaxanthin from Blue Crab Shell Waste.</i>
11:30 – 11:45	OC-24 Carmine Bellantoni <i>Exploring SupraDES for Organic Molecule Extraction: a Preliminary Study</i>
11:45 – 12:00	OC-25 Francesca Leonelli <i>Bio-Based Dynamic Polymer Networks from Oleic and Linoleic Acid Derivatives</i>
12:00 – 12:15	OC-26 Norberto Manfredi <i>Beyond Water: DES as an Active Medium for Green Hydrogen Production</i>
12:15 – 12:30	OC-27 Monica Nardi <i>Green Extraction and Formulation of Olive Oil Polyphenol-Based Chemical Systems</i>
12:30 – 12:45	OC-28 Francesco Giacalone <i>Eutectic Solvents as Novel Sustainable Dispersing and Functionalizing Media for Carbon Nanoforms</i>

Aula Magna Centro Congressi Federico II

Chemical Tools for Biomedical Research

Chairperson: **Maria Luisa Menna, Alfonso Mangoni**

11:15 – 11:30	OC-29 Cristina Airoidi <i>Bacteria Targeting through Multivalent Ligands: towards Innovative Diagnostic and Antibacterial Approaches</i>
11:30 – 11:45	OC-30 Daniela Imperio <i>A Journey towards Organotrifluoroborate Zwitterionic Species: from Chemistry to Medical Applications</i>
11:45 – 12:00	OC-31 Dandan Yu <i>Structural Characterization of a Highly Modified N-Linked Glycan from the Halophilic Archaeon Haloquadratum Walsbyi C23^T</i>
12:00 – 12:15	OC-32 Marcello Ziaci <i>Spatial Profiling of Oxylipins in Brain Tissue by DESI Mass Spectrometry Imaging</i>

12:15 – 12:30	OC-33 Domenica Musumeci <i>Dimeric G-Quadruplex Forming Aptamers as Inhibitors of the Pathological Activity of HMGB1</i>
12:30 – 12:45	OC-34 Manuele Di Sante <i>Organelle-Targeted Rose Bengal Derivatives for Precision Photodynamic Therapy</i>
Aula A Centro Congressi Federico II	
MedChem/Bioinformatics/NMR	
Chairperson: Alba Silipo, Nicola Borbone	
11:15 – 11:30	OC-35 Dafne Ruggiero <i>Design and Synthesis of Novel Small-Molecule Modulators and PROTAC Degraders Targeting the BAG3/HSP70 Chaperone Axis</i>
11:30 – 11:45	OC-36 Selena Calamunci <i>Synthesis and Characterization of Small Molecule-Drug Conjugates for Targeted Drug Delivery</i>
11:45 – 12:00	OC-37 Pierluigi Reveglia <i>Chemical Diversity of Phaeoacremonium Species: Metabolite Profiling, Structural Annotation and Bioactivity of Specialized Fungal Natural Products</i>
12:00 – 12:15	OC-38 Roberta Marchetti <i>The Application of NMR Spectroscopy and Computational Methods to Monitor Molecular Interactions</i>
12:15 – 12:30	OC-39 Maria Pia Lenza <i>Understanding Carbohydrate-Lectin Interaction Structures</i>
12:30 – 12:45	OC-40 Gianfranco Cavallaro <i>In Silico Design of New Potential Antibacterial Drugs and Ligand-Protein Interaction Studies for New Active Molecules Against COX-1 Receptor</i>
13:00 – 15:00	Pranzo libero

Lunedì 14 Settembre 2026 – Pomeriggio

Auditorium Royal Continental	
Chairperson: Stefano Di Stefano	
15:00 – 15:30	KN-02 Josè Augusto Berrocal <i>Programming Polymer Function through Mechanically Induced Reactivity</i>
Photochemical and Radical Methodologies	
Chairperson: Stefano Menichetti	
15:45 - 16:00	OC-41 Cristina Martini <i>Functionalized Polyaromatic Isonitriles as Visible-Light Photoredox Catalysts: Design, Synthesis, Photophysical Characterization and Reactivity</i>
16:00 - 16:15	OC-42 Alessandro Iannini <i>Highly Stable Quinacridone-Based Photocatalysts for Selective Thioether Oxidation</i>
16:15 - 16:30	OC-43 Stefano Protti <i>Organic Photochemistry. Coming Back to (Visible) Light with Arylazo Sulfones</i>
16:30 - 16:45	OC-44 Claudio Curti <i>Photoinduced, Site- and Stereoselective Functionalization of Bioactive Dihydroquinazolinone Scaffolds for Enhanced Stability toward Oxidation</i>

16:45 - 17:00	OC-45 Matteo Lanzi <i>Light-Mediated Cyclopropanation via Homoallylic Rearrangement</i>
Sala Aragonese Royal Continental	
Advanced Synthetic Methodologies	
Chairperson: Giovanni Piersanti	
15:45 - 16:00	OC-46 Mauro Garbini <i>Oxabicyclo[3.1.1]Heptanes, a Flow-Electrochemical Approach</i>
16:00 - 16:15	OC-47 Antonella Ilenia Alfano <i>Flowing Light for Green Pinacol Coupling of Aldehydes and Imines</i>
16:15 - 16:30	OC-48 Federica De Nardi <i>Anionic ortho-Fries Rearrangement on O-Aryl Carbonates Promoted by Sodium Amides</i>
16:30 - 16:45	OC-49 Eisuke Ignacio Comas Iwasita <i>Impeding β-Eliminative Degradation for the Design of Unprecedented C2 Homologating Synthons</i>
16:45 - 17:00	OC-50 Alessandro Cerveri <i>N(V)-Enabled Direct Deaminative Functionalization of Unactivated Primary Amines</i>
Aula Magna Centro Congressi Federico II	
LPS/Polysaccharides	
Chairperson: Luigi Lay	
15:45 - 16:00	OC-51 Flaviana Di Lorenzo <i>Lipopolysaccharides from Microbiota: Fantastic "Structures" and Where to Find Them</i>
16:00 - 16:15	OC-52 Giuseppe D'Orazio <i>Redesigning Commensal Lipid Architectures: toward Immunomodulatory Glycolipids Inspired by Bacteroides fragilis Lipid A</i>
16:15 - 16:30	OC-53 Marcello Mercogliano <i>Decoding Structural Heterogeneity of LPS to Understand its Impact on Immune System Modulation</i>
16:30 - 16:45	OC-54 Immacolata Speciale <i>A New Piece in the Chlorovirus Puzzle: The Case of the 41-NE-5 Virus</i>
16:45 - 17:00	OC-55 Emiliano Bedini <i>Regioselective Sulfation of Polysaccharides from Eco-Sustainable Sources</i>
Aula A Centro Congressi Federico II	
Sustainability/Biomass	
Chairperson: Andrea Pace	
15:45 - 16:00	OC-56 Francesca Pitzalis <i>Sustainable Continuous-Flow Hock Cleavage for the Valorization of Biobased Olefins into Aldehyde Building Blocks</i>
16:00 - 16:15	OC-57 Angelo Nacci <i>Valorization of Steel Slag as a Versatile Catalyst: from Energy Production to Fine Chemicals</i>
16:15 - 16:30	OC-58 Manuela Oliverio <i>Conventional and Unconventional Use of Deep Eutectic Solvents (DES) in Sustainable Chemistry</i>
16:30 - 16:45	OC-59 Nunzio Cardullo <i>Rethinking Lignin: a Renewable Feedstock for the Synthesis of Eco-Friendly Resin and Sustainable Materials</i>
16:45 - 17:00	OC-60 Roberto Rossi <i>Impurity Management Strategies in Generic APIs: a Case Study on the Dialkylated Impurity of Fesoterodine Fumarate</i>

17:00 – 17:30	Coffee Break
17:30 – 19:00	Poster Session - Livello 1 Centro Congressi Federico II

Martedì 15 Settembre 2026 – Mattina

Auditorium Royal Continental

Chairperson: **Alessandra Lattanzi**

09:00 – 09:30	KN-03 Géraldine Masson <i>From Skeletal Editing to Remote ζ-Functionalization: Chiral Phosphoric Acid Catalysis of Conjugated Trienes</i>
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Mechanistic Organic Chemistry, Radical Processes and Photochemistry

Chairperson: **Osvaldo Lanzalunga**

09:45 – 10:00	OC-61 Luca Valgimigli <i>Non-Conventional Antioxidant Behavior of Hindered Lipophilic Catechols: from Solution to Cells</i>
10:00 – 10:15	OC-62 Alessio Morano <i>A New Oxidative Rearrangement of Aminodiol to α,β-Unsaturated Aldehydes: Mechanistic Investigation and Extension to an Organocatalytic Interconversion of 1,2-Diols</i>
10:15 – 10:30	OC-63 Roberta Marino <i>Fe-Promoted Amination Controlled by Hydroxylamine-Derived Reactants: from Free Radical to Metal-Based Reactivity</i>
10:30 – 10:45	OC-64 Simone Scaringi <i>Chemometrically-Guided Electrochemical HAT-Driven α-C(sp³)-H Alkylation of Alcohols</i>

Sala Aragonese Royal Continental

Mechanistic Organic Chemistry, Radical Processes and Photochemistry

Chairperson: **Maurizio Fagnoni**

09:45 – 10:00	OC-65 Aleksa Durdevic <i>Stereoretentive Norrish–Yang Photocyclization through Conformational Gating</i>
10:00 – 10:15	OC-66 Giulia Mazzocanti <i>Asymmetric Aldol Reaction of Nitrobenzaldehydes and Methyl-substituted Cyclohexanones Catalyzed by L-4-Thiaproline: Experimental and Computational Insights</i>
10:15 – 10:30	OC-67 Pierluca Gallon <i>Effects of Acetyl Group on KuQuinones</i>
10:30 – 10:45	OC-68 Manuel Petroselli <i>Radical Reactivity Control: from Nano-Confinement to Antioxidants with Enzyme-Like Behavior</i>

Aula Magna Centro Congressi Federico II

Bioactive Molecules and Glycoconjugates

Chairperson: **Cristina De Castro**

09:45 – 10:00	OC-69 Claudia Riccardi <i>Multifunctional Ru(III) Complexes Decorated with Bioactive Ligands for Anticancer Applications</i>
10:00 – 10:15	OC-70 Anna Notaro <i>A Second Polysaccharide-Decorated Giant Virus Uncovers a Hidden Dimension of Viral Glycobiology</i>
10:15 – 10:30	OC-71 Vera Muccilli <i>Benzoxanthene Lignans: Biomimetic Synthesis and Pharmacological Potential</i>

10:30 – 10:45	OC-72 Angela Casillo <i>Structural Characterisation of a Novel Fucose-Rich Extracellular Polysaccharide Isolated from the Rhizobacterium Kosakonia Pseudosacchari TL13</i>
Aula A Centro Congressi Federico II	
Fluorescent Sensors/Photoactive Molecules	
Chairperson: Luca Beverina	
09:45 – 10:00	OC-73 Rossella Santonocito <i>Prism[n]arenes-Based Fluorescent Sensor Array for the Recognition of Cancer Biomarker Amino Acids in Saliva</i>
10:00 – 10:15	OC-74 Arrico Lorenzo <i>Chiral Luminophores for Circularly Polarized Electrochemiluminescence</i>
10:15 – 10:30	OC-75 Alessia Cavallaro <i>Functionalized Carbon Nanoparticles for Smartphone-Based Formaldehyde Detection</i>
10:30 – 10:45	OC-76 Vincenzo Patamia <i>Green Aqueous Synthesis of Multi-Functional β-CD Coatings for Antimicrobial and UV-Shielding Applications</i>
10:45 – 11:15	Coffee Break
Auditorium Royal Continental	
11:15 – 12:45	Assemblea Ordinaria dei Soci della Divisione di Chimica Organica della SCI
13:00 – 15:00	Pranzo libero

Martedì 15 Settembre 2026 – Pomeriggio

15:00 – 16:30	Poster Session - Livello 1 Centro Congressi Federico II
16:30– 17:00	Coffee Break
Auditorium Royal Continental	
Genomics, Proteomics, Glycomics	
Chairperson: Maria Chiara Monti, Stefano Superchi	
17:00 – 17:15	OC-77 Giusi Aresta <i>Synthesis of Streptococcus Pneumoniae 6a/6c Oligosaccharides for Vaccine Development</i>
17:15 – 17:30	OC-78 Vittoria Ferrara <i>Synthesis of Macrocyclic Peptoids, Biomimetic of Antimicrobial Peptides</i>
17:30 – 17:45	OC-79 Barbara La Ferla <i>Glycomimetics: Small Molecules with Great Potentials in the Biomedical Field</i>
17:45 – 18:00	OC-80 Maria Gaetana Giovanna Pittalà <i>Characterization of α-Synuclein Extracted from Astrocytes-Derived Extracellular Vesicles by High-Resolution Mass Spectrometry Reveals Specific Post-Translational Modifications</i>
18:00 – 18:15	OC-81 Stefania De Chiara <i>Lipopolysaccharide from Parabacteroides merdae: A Key Factor in Food Intake Regulation</i>
18:15 – 18:30	OC-82 Cristina Di Carluccio <i>Structural Basis of Sialoglycans Recognition by Siglec-7</i>
18:30 – 18:45	OC-83 Viviana Di Matteo <i>Genome Mining as a Tool for the Discovery and Structural Elucidation of Cyanobacterial Siderophores</i>

Sala Aragonese Royal Continental**MedChem/Drug Conjugation**Chairperson: **Ivana Pibiri, Giuseppe Bifulco**

17:00 – 17:15	OC-84 Rita Argenziano <i>Sericin from Chemical-Free Silk Degumming as Delivery System for Drugs of Dermatological Interest: Conjugates Preparation and Assessment of Release in an Ex Vivo System</i>
17:15 – 17:30	OC-85 Leonardo Lucchesi <i>Versatility Evaluation of Dibromopyridazinedione Rebridging Agent on Monoclonal Antibodies in Clinical Use</i>
17:30 – 17:45	OC-86 Elva Morretta <i>Functional Proteomics Ties Insulin-Like Growth Factor-Binding Protein 4 with the Anti-Angiogenic Properties of Novel Tetrasubstituted 5-Amino Pyrazoles</i>
17:45 – 18:00	OC-87 Marcello Casertano <i>Thioacetamide Derivatives as Tunable H₂S Donors and Carbonic Anhydrase Modulators Based on a Marine-Derived Metabolite</i>
18:00 – 18:15	OC-88 Lucia Abbatiello <i>Design and Synthesis of Alkylamide Derivatives Inspired by Zanthoxylum piperitum and Acmella oleracea as Dual CB1/TRPV1 Modulators with Analgesic and Anti-Inflammatory Activity</i>
18:15 – 18:30	OC-89 Lorenzo Botta <i>Hybridization and Dimerization of Natural Products as Strategies for Identifying Antimelanoma Agents: the Case of Artemisinin</i>
18:30 – 18:45	OC-90 Gabriele Cianfoni <i>Design and Synthesis of Linear and Branched Polyamines for the Development of Highly Performing Ferritin Nanocarriers</i>

Aula Magna Centro Congressi Federico II**Innovative Synthetic Strategies**Chairperson: **Daniele Passarella, Mauro Pineschi**

17:00 – 17:15	OC-91 Giovanni Maestri <i>A One-Pot Photocatalytic Journey from Commercial Pyridines to Bioactive Tropanes</i>
17:15 – 17:30	OC-92 Chiara Tammaro <i>Building Vismione E: Synthetic Studies and Strategy</i>
17:30 – 17:45	OC-93 Francesca Bartoccini <i>A Concise Synthesis of (+)-Cycloclavine via Intramolecular Metal-Free Cyclopropanation</i>
17:45 – 18:00	OC-94 Giulio Bertuzzi <i>Catalytic Enantioselective Transformations of Bicyclo[1.1.0]butanes</i>
18:00 – 18:15	OC-95 Angelo Frongia <i>New Structural Reorganizations of Cyclobutane Derivatives</i>
18:15 – 18:30	OC-96 Andrea Trabocchi <i>Leveraging Palladium-Catalyzed C(sp³)-H Bond Functionalization for the Synthesis of Cyclic Amino Acids and Peptidomimetics</i>
18:30 – 18:45	OC-97 Francesco Secci <i>One Ring to Rule them All: Catalytic Construction of Heterocycles from Cyclopropylamino Scaffolds</i>

19:00 – 20:30	Evento Giovani
Aula A Centro Congressi Federico II	
Organic Dyes/ Biocatalysis	
Chairperson: Lorenzo Di Bari, Carmine Gaeta	
17:00 – 17:15	OC-98 Carmen Coppola <i>Novel Organic Dyes for IoT Applications via a Combined Machine Learning and Density Functional Theory Strategy</i>
17:15 – 17:30	OC-99 Mariacecilia Pasini <i>Conjugated Polyelectrolytes as Advanced Materials for Sustainable Energy Applications</i>
17:30 – 17:45	OC-100 Giuseppe Trusso Sfrassetto <i>Fluorescent SupraNanoSensors Based on Surface-Functionalized Carbon Nanoparticles</i>
17:45 – 18:00	OC-101 Gianluigi Albano <i>Thin Films of a Chiral Indaceno[1,2-b:5,6-b']Dithiophene-Based Dye with Giant Chiroptical Properties</i>
18:00 – 18:15	OC-102 Lorenzo Zani <i>Synthesis of Tailored Organic Dyes for Specific Applications in Dye-Sensitized PV Cells</i>
18:15 – 18:30	OC-103 Claudia Sciacca <i>Natural Compounds-Based Coatings for Laccase Immobilization and Biocatalytic Applications</i>
18:30 – 18:45	OC-104 Pietro Cotugno <i>Silk Fibroin: a Versatile Biomaterial for Catalysis</i>

Mercoledì 16 Settembre 2026 - Mattina

Auditorium Royal Continental	
Chairperson: Bruno Botta	
09:00 – 09:30	KN-04 Masad J. Damha <i>Sustainable Methods in Nucleic Acid Synthesis: from Functionalized Nucleosides to Therapeutic RNA</i>
PNA/Peptides/Proteins	
Chairperson: Alessandra Tolomelli	
09:45 – 10:00	OC-105 Francesca Cardano <i>Tuning PNA's Features with Novel (Pseudo)Monomers</i>
10:00 – 10:15	OC-106 Marta De Zotti <i>Chemo-Enzymatic Synthesis of Peptides with Plant Protection Properties</i>
10:15 – 10:30	OC-107 Sabrina Giordano <i>PNA-Decorated Magnetic Nanoparticles as Multifunctional Carriers for Biomedical Applications</i>
10:30 – 10:45	OC-108 Pierangelo Metrangolo <i>Brominated Tyrosines: from Pathology Biomarkers to the Design of Resilient and Strain-Stiffening Peptide-Based Materials</i>
Sala Aragonese Royal Continental	
Advanced Molecular Strategies for Biomedicine	
Chairperson: Fabrizio Mancin	
09:45 – 10:00	OC-109 Laura Russo <i>AI/ML - Guided Synthesis of Personalized Glioblastoma Models via Click Chemistry Crosslinking</i>
10:00 – 10:15	OC-110 Beatrice Rosetti <i>Towards Gradient-Controlled Chemical and Mechanical Differentiation in Prototissues</i>

10:15 – 10:30	OC-111 Davide Ricci <i>1,2,4-Triazole Derivatives as Translational Readthrough Inducers: Design, Synthesis and Rescue of the TP53 R213X Nonsense Mutant</i>
10:30 – 10:45	OC-112 Martina Ridinò <i>Bile Acid–Conjugated Antisense Oligonucleotides Against miRNA-214: a Strategy to Improve Its Biological Activity</i>

Aula A Centro Congressi Federico II

Sustainable Synthesis for Environmental Applications

Chairperson: Andrea Porcheddu	
09:45 – 10:00	OC-113 Ester Marotta <i>Cyanotoxins Oxidation and Cyanobacteria Inactivation Induced by Non-Thermal Plasma, a Sustainable Technology for Water Treatment</i>
10:00 – 10:15	OC-114 Carla Rizzo <i>Synthesis of Oil-Derived Adsorbents for Removal of Emerging Wastewater Pollutants</i>
10:15 – 10:30	OC-115 Francesco Basoccu <i>Scalable Mechanochemical Synthesis of Boroxine-Linked COF-1 via Resonant Acoustic Mixing</i>
10:30 – 10:45	OC-116 Michail Christodoulou <i>Siderophore-Mediated Disruption of Ferroptosis in <i>Pyricularia oryzae</i>: A Novel Strategy for Rice Blast Control</i>
10:45 – 11:15	Coffee Break

Auditorium Royal Continental

Chairperson: Michela Salamone	
11:15 - 11:45	PR-J3 Premio: "Chimica Organica nei suoi Aspetti Metodologici" Giorgio Capocasa <i>Blurred Lines - On Weak, Reversible Bonds</i>

Modern Synthetic Strategies and Reactive Intermediates

Chairperson: Raffaella Mancuso	
11:45 - 12:00	OC-117 Davide Castiglione <i>Halocarbenoid-Guided Homologation of 3-Iminoisatins</i>
12:00 - 12:15	OC-118 Andrea Daniela Dragan <i>Diels-Alder Approach to the Synthesis of Orto-Substituted-p-Hydroxy Benzoic Acids</i>
12:15 - 12:30	OC-119 Ambra M. Fiore <i>The First IR-Assisted Copper-Free Sonogashira Reaction: Unlocking New Organic Synthesis Pathways</i>
12:30 - 12:45	OC-120 Giulio Goti <i>Photocatalytic In Situ Activation of Bench-Stable Saccharides: A General Synthetic Strategy to C-Glycosyl Bicyclo[1.1.1]pentanes</i>

Sala Aragonese Royal Continental

Chairperson: Andrea Goti	
11:15 - 11:45	PR-J1: Premio "Chimica Organica per le Scienze della Vita" (Junior) - Andrea Citarella <i>Organic Chemistry for Life Sciences: from Multitarget Inhibitors to Targeted Protein Degradation</i>

Natural Products

Chairperson: Valeria Costantino	
11:45 - 12:00	OC-121 Francesca Ghirga <i>Building an Italian Infrastructure for the Natural Products Chemistry Community</i>

12:00 - 12:15	OC-122 Carmen Festa <i>Unlocking Marine Fungal Diversity: Discovery of Novel Peptaibols from Clonostachys rosea</i>
12:15 - 12:30	OC-123 Giulia Quaini <i>Biosynthetic Innovation in Marine Symbiotic Alkaloids Revealed by Nudibranch-Sponge Ecological Interaction</i>
12:30 - 12:45	OC-124 Tullia Tedeschi <i>Extraction Optimization and Molecular Characterization of C-Phycocyanin from Spirulina Biomass</i>
Aula A Centro Congressi Federico II	
Chairperson: Paolo Tecilla	
11:00 - 11:45	PR-J2 Premio “Chimica Organica per l’Ambiente, l’Energia e le Nanoscienze” (Junior) - Jacopo Dosso <i>From Gas Separation to Red-Light Photocatalysis, Charged Polyaromatic Systems as Multifunctional Materials</i>
Photocatalysis and Functional Materials	
Chairperson: Gianluca Farinola	
11:45 - 12:00	OC-125 Sara Mattiello <i>Sustainable Access to Perylenedicarboxylic Monoimides and Diesters Enables Processable 3,3’-Biperylene Derivatives</i>
12:00 - 12:15	OC-126 Francesca Pallini <i>Rationalized Synthetic Access to Benzimidazoline Based N-Type Dopant</i>
12:15 - 12:30	OC-127 Andrea Gualandi <i>N-Aryl Acridones as Metal-Free Photocatalysts for Visible-Light Energy Transfer and HAT Processes</i>
12:30 - 12:45	OC-128 Camilla Callegari <i>Unraveling Mechanistic Pathways and Selectivity in Visible Light-Driven Aliphatic C-H Functionalization over Carbon Nitride</i>
13:00 – 15:00	Pranzo libero

Mercoledì 16 Settembre 2026 - Pomeriggio

Auditorium Royal Continental	
Chairperson: Gianluigi Albano	
15:00 - 15:30	M-03 Medaglia G. Ciamician - Marco Colella <i>Enabling Chemical Technologies for Exploring New Chemical Space</i>
15:30 - 15:45	OC-sponsor Elantas Europe <i>Bio-Based Epoxy Vitrimers Matrices</i>
Chairperson: Elena Petricci	
16:00 - 16:15	PD-01 Premio Tesi di Dottorato - Mattia Mason <i>Salicylaldehyde-Tagged Peptides for the Reversible-Covalent Engagement of Protein Lysine Residues</i>
Multifunctional Molecules for Theranostics	
16:15 - 16:30	OC-129 Davide Baccelli <i>hCAIX-Targeted Inhibitor–Photosensitizer Conjugates for Enhanced Photodynamic Therapy of Hypoxic Tumors</i>
16:30 - 16:45	OC-130 Maura Monforte <i>Dual-Function Luminescent Molecules for Bioimaging and Inhibition of Tyrosinase in Pigmentation Disorders</i>

16:45 - 17:00	OC-131 Francesca Clemente <i>Multifunctional Iminosugar Derivatives as Pharmacological Chaperones for GCase-Related Disorders</i>
Sala Aragonese Royal Continental	
Chairperson: Gianluigi Brogini	
16:00 - 16:15	PD-02 Premio Tesi di Dottorato - Francesco Mele <i>Mechanochemistry as an Enabling Platform for Organic Reaction Development</i>
Photocatalysis and Photoelectrochemistry	
16:15 - 16:30	OC-132 Edoardo Bazzica <i>Sustainable Continuous-Flow Synthesis of Aromatic Amines from Phenols: Exploiting Amines as Dual Hydrogen–Nitrogen Donors</i>
16:30 - 16:45	OC-133 Emanuele Azzi <i>Diarylmethylum-Photocatalysed Sulfonylation of Enynes and Skipped Dienes: Access to Sulfonylated Cyclic Scaffolds</i>
16:45 - 17:00	OC-134 Camilla Loro <i>Photoelectrochemical Access to (Hetero)Aryl Amines Starting from Cyclic Ketones</i>
Aula A Centro Congressi Federico II	
Chairperson: Alessandro Mordini	
16:00 - 16:15	PD-03 Premio Tesi di Dottorato - Giorgia Salerno <i>Molecular Systems and Interfacial Engineering for Sustainable Energy: From Indoor Photovoltaics to Green Ammonia Synthesis</i>
Nano/Biomaterials	
16:15 - 16:30	OC-135 Giuseppe Cinà <i>Synthesis of Hybrid Nanofillers and their Application in Chitosan-Based Seed Coatings</i>
16:30 – 16:45	OC-136 Tommaso Paravano <i>DoE Driven Optimization of Place Exchange Reaction on Gold Nanoparticles</i>
16:45 - 17:00	OC-137 Elisa Bianchi <i>Developing Nanocellulose-Based Antimicrobial Surfaces via Dual Functionalization Strategies</i>
17:00 – 17:30	Coffee Break
Auditorium Royal Continental	
Catalysis and Molecular Recognition	
Chairperson: Cristiano Zonta, Carmen Talotta	
17:30 - 17:45	OC-138 Francesco Presini <i>ThDP-Dependent Carboligases: a Key Biocatalyst for Asymmetric Chemo-Enzymatic Synthesis</i>
17:45 - 18:00	OC-139 Carolina Meazzo <i>Base-Mediated Chemoenzymatic One-Pot Peterson Olefination Followed by Lipase-Catalyzed Epoxidation</i>
18:00 - 18:15	OC-140 Aurora D'Arrigo <i>Active Transport Across a Liquid Membrane Fueled by an Activated Carboxylic Acid</i>
18:15 - 18:30	OC-141 Rocco Del Regno <i>Supramolecular Catalysis of Thia-Michael Reactions in Aqueous Media Using Water-Soluble Carboxylato-Prism[6]arene</i>
18:30 - 18:45	OC-142 Bruno Mattia Bizzarri <i>Multicomponent Synthesis of RNA-Peptide Chimeras: Mineral Catalyzed Thermal and Radiative Chemistry of HCN Derivatives.</i>

18:45 - 19:00	OC-143 Laura Spagnuolo <i>The Inclusion of (+)-Pinoresinol from Flaxseed Extracts into β-Cyclodextrin Elucidated by Liquid State NMR Techniques</i>
Sala Aragonese Royal Continental	
Innovative Synthetic Methodologies	
Chairperson: Claudia Tomasini, Francesco De Riccardis	
17:30 - 17:45	OC-144 Salvatore Mottola <i>GreenSound-PNA: A Sustainable Approach to Ultrasound-Assisted Peptide Nucleic Acid Synthesis.</i>
17:45 - 18:00	OC-145 Silvia Cammarone <i>Enantioselective Synthesis of α-AkyIdeoxybenzoins as Simplified Natural-Inspired Leads</i>
18:00 - 18:15	OC-146 Sanam Gull Arshad <i>Synthesis of Functionalized Biaryl and Naphthalene Derivatives from Pyranone and Isochromanone Precursors</i>
18:15 - 18:30	OC-147 Laura Fioretto <i>Synthetic Strategies for the Preparation of Chemically Optimized Sulfavants A Analogues</i>
18:30 - 18:45	OC-148 Alessandro Massi <i>Covalent Triazine Polymers as Visible-Light Heterogeneous Photocatalysts for Fine Chemical Synthesis</i>
18:45 - 19:00	OC-149 Kelly Bugatti <i>From Prediction to Bench: An Integrated Modelling-Synthesis Framework for Bitter Peptide Identification</i>
Aula A Centro Congressi Federico II	
Functional Nano- and Biomaterials	
Chairperson: Lucia Pasquato, Andrea Secchi	
17:30 - 17:45	OC-150 Paola Manini <i>Dressing Up Melanin Pigments to Design Multifunctional Biomaterials</i>
17:45 - 18:00	OC-151 Camilla Matassini <i>From Low-Valency Oligomers to Nanoparticles: Multivalent Piperidine Iminosugars Targeting β-Glucocerebrosidase</i>
18:00 - 18:15	OC-152 Fabrizio Vetica <i>Visible-Light-Promoted α,β-Unsaturated Carbonyl Formation and Nitroarene Reduction via Carbon Dots Nano-Photocatalysis</i>
18:15 - 18:30	OC-153 Claudia Bizzarri <i>The Curious Case of Two Cu(I) regioisomers from Lactam-Lactim Tautomerism</i>
18:30 - 18:45	OC-154 Daniela Iannazzo <i>Titanium Surface Functionalization for Biomedical Applications: Engineering Biocidal and Antifouling Coatings</i>
18:45 - 19:00	OC-155 Federica Battistin <i>Mechanical Energy Drives Dissipative Self-Assembly of Nanocoacervates into Vesicles with Cell-Like Properties</i>
20:30	Cena sociale

Giovedì 17 Settembre 2026 - Mattina

Auditorium Royal Continental	
09:00 - 09:05	Saluti istituzionali – Alessandro Casnati Presidente della Divisione di Chimica Organica della Sci – Rossella Fasulo Presidente dell’Ordine Regionale dei Chimici e dei Fisici della Campania
Chairperson: Valeria Conte	
09:05 - 09:35	M-04 Medaglia Pietro Pino - Giulia M. Licini <i>From Symmetry to Sustainability: Catalysis, Chirality and Green Oxidations</i>
Chairperson: Jacopo Roletto	
09:35 - 10:05	PR-J4 Premio “Chimica Organica per lo Sviluppo di Processi e Prodotti nell’Industria” (Junior) - Luca Senaldi <i>The Challenges of the Semi-Synthesis: ODDA-Paclitaxel and Voclosporin Case Studies</i>
Chairperson: Walter Cabri	
10:05 - 10:35	KN-05 Ernesto Santandrea <i>Development of the Commercial Manufacturing Process of the Antibiotic Zosurabalpin</i>
10:35 – 11:00	Coffee Break
Chairperson: Maurizio Benaglia	
11:00 - 11:30	PR-S4 Premio “Chimica Organica per lo Sviluppo di Processi e Prodotti nell’Industria” - Massimo Verzini <i>Flow Chemistry Beyond Automation: Towards Intelligent and Reconfigurable Manufacturing</i>
Moderatori: Giorgio Bertolini, Paolo Melchiorre	
11:30 - 12:15	Tavola rotonda <i>Ricerca di Base e Applicata per il Futuro della Chimica: Processi Sostenibili, Digitalizzazione e Formazione</i> <i>Intervengono: Giulia M. Licini, Walter Cabri, Massimo Verzini e Jacopo Roletto</i>
Chairperson: Massimo Bietti	
12:15 - 12:45	M-05 Medaglia Giorgio Modena - Daniele Lenori <i>Photochemical Permutations for Aromatic Rearrangement</i>
12:45 – 13:00	Chiusura congresso e saluti finali

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Citarella A. PR-J1	Masson G. KN-03	Schreiner P.R. KN-01
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