



OCT **12-15** 2025

Bari

JISOC 2025

Japanese-Italian Symposium on Organic Chemistry

SUNDAY, OCT 12

15:00 – 17:00 Registration

17:00 – 17:30 Opening Ceremony

Chair: Renzo Luisi & Paolo Melchiorre

17:30 – 18:30 **SCI-ORG Lectureship**

Mikiko Sodeoka

*RIKEN Center for Sustainable
Resource Science*

Late Transition Metal Enolate Chemistry:
Past, Present, and Future



18:45 – 22:00 Welcome Party – *Salone San Nicola*

MONDAY, OCT 13

Session 1 *Chair: Paolo Melchiorre*

09:00 – 09:40 **IL1**

Keiji Maruoka

Kyoto University

Design of New Organoradical Catalysts
for Late-Stage Functionalization



09:40 – 10:20 **IL2**

Luisa De Cola

University of Milan

Hybrid Soft Nanomaterials for Biomedical
Applications



10:20 – 10:35 **OC1 – Giovanni Lonardi**

RWTH Aachen

Boryl Radical β -Scission Enables Divergent
Deaminative Cross-Coupling of Amines

10:35 – 10:50 **OC2 – Marco Blangetti**

University of Turin

O-Aryl Carbamates of 2-Substituted Piperidines: Anionic
Fries Rearrangement and Kinetic Resolution by Lithiation

10:50 – 11:15 Coffee Break

Session 2 *Chair: Vito Capriati*

11:15 – 11:55 **IL3**

Yoshiaki Nishibayashi

Tokyo University

Molybdenum-Catalyzed Reduction of
Molecular Dinitrogen into Ammonia
under mild Conditions



11:55 – 12:10 **OC3 – Lorenzo Lombardi**

Procos S.P.A.

Development and Scale-Up of an Aminocarbonylative Step
for the Preparation of Key Lactam Fragment in API Synthesis

12:10 – 12:25	OC4 – Daniele Fiorito <i>Polytechnic University of Milan</i>	Harnessing Chemoenzymatic Catalysis for Selective and Sustainable Terpenoid Synthesis	
12:25 – 13:05	IL4 Gianluca Farinola <i>University of Bari</i>	From Organic Synthesis to Synthetic Biology: Sustainable Materials for Solar Energy Conversion	
13:05 – 14:30	Lunch		
<i>Session 3</i>	<i>Chair: Franca Zanardi</i>		
14:30 – 15:10	IL5 Motomu Kanai <i>Tokyo University</i>	Catalytic Carbonyl Allylation Using Alkenes	
15:10 – 15:25	OC5 – Giulio Bertuzzi <i>University of Bologna</i>	New Strategies in Bicyclo[1.1.0]butanes Chemistry: Au-Catalysis and Electrosynthesis	
15:25 – 15:40	OC6 – Camilla Loro <i>University of Insubria</i>	Electrifying Nickel-Catalyzed C-H Amination of Ethers	
15:40 – 17:00	Poster Session & Coffee Break		
<i>Session 4</i>	<i>Chair: Giorgia Oliviero</i>		
17:00 – 17:40	IL6 Francesca Paradisi <i>University of Bern</i>	Innovation in Enzymatic Catalysis	
17:40 – 17:55	OC7 – Caterina Campinoti <i>University of Pisa</i>	Electro-oxidative Nitroso-Diels-Alder Reaction for the Regioselective Functionalization of Dihydropyridines	
17:55 – 18:10	OC8 – Ciro Romano <i>University of Bologna</i>	Leveraging C-H activation for the Manipulation of C(sp ³)-O and C(sp ³)-S bonds	
18:10 – 20:00	Enjoy the City		
From 20:00	Conference Gala Dinner – <i>Barion Sporting Club</i>		

TUESDAY, OCT 14

Session 5 *Chair: Giovanni Piersanti*

09:00 – 09:40	IL7 Takashi Ooi <i>Nagoya University</i>	Development of Organic Radical Catalysts	
09:40 – 10:20	IL8 Luca Dell'Amico <i>University of Padua</i>	Mechanistic Elucidation in Light-Driven Synthetic Chemistry – Insights and Use	
10:20 – 10:50	Coffee Break		

Session 6 Chair: Antonio Rescifina

10:50 – 11:30

IL9

Hirohisa Ohmiya

Kyoto University

Radical Catalysis for Selective Molecular Transformations



11:30 – 11:45

OC9 – Roberta Ragni

University of Bari

Bioconjugation of Organic Light Harvesting Molecules to Bacterial Reaction Centers: From Organic Synthesis to Photocurrent Generation of the Resulting Biohybrid Systems

11:45 – 12:00

OC10 – Giorgio Della Sala

University of Salerno

Phase-Transfer Catalyzed Stereoselective γ -C-C bond Formation on the Phthalide Core

12:00 – 12:40

IL10

Vittorio Pace

University of Rome, La Sapienza

Synthetic Concepts for Homologation Chemistry



12:40 – 12:55

OC11 – Valerio Fasano

University of Milano

Novel Synthetic Approaches to Benzoxaboroles and Benzoxazepines

12:55 – 13:10

OC12 – Andrea Palone

University of Bologna

From Flat to 3D: Photocatalytic Birch Reduction as a Gateway to Spirocyclic Compounds

13:05 – 14:30

Lunch

Session 7

Chair: Jacopo Roletto

14:30 – 15:10

IL11

Hideki Yorimitsu

Kyoto University

Reductive Dimetalation of Alkynes



15:10 – 15:50

IL12

Martina Delbianco

Max Planck Institute Potsdam

Carbohydrate Foldamers and Assemblies



15:50 – 16:20

Poster Session & Coffee Break

Session 8

Chair: Giulia Licini

16:20 – 16:35

OC13 – Luca Capaldo

University of Parma

Photocatalyzed Decarbonylative Hydrogen Atom Transfer

16:35 – 16:50

OC14 – Vincenzo Patamia

University of Catania

Natural Origin Catalysts for a Sustainable Future

16:50 – 17:30

IL13

Takashi Kubo

Osaka University

When Bonds Weaken: New Functions Arising from Open-Shell Molecules



17:30 – 20:30

City Tour

09:00 – 09:40 IL14

Massimo Bietti

University of Rome "Tor Vergata"

Chemoselective C(sp³)-H Bond
Oxygenations Governed by Solvent Effects



09:40 – 10:20 IL15

Masahiro Terada

Tohoku University

Enantioselective Catalysis by Higher
Order Organosuperbase



10:20 – 10:50 Coffee Break

10:50 – 11:05

OC15 – Pietro Caboni

University of Cagliari

Oxidized Thiourea Derivatives: Uncovering New Frontiers
with Resonant Acoustic Mixing (RAM)

11:05 – 11:20

OC16 – Vasco Corti

University of Padova

Catalytic Enantioselective [2+2] Photocycloadditions for
the Synthesis of Saturated Polycyclic Heterocycles

11:20 – 11:40

Poster Prizes

Best Poster Award

Synlett

Best Poster Award

SynOpen

Best Poster Award

Synthesis

Best Poster Award



11:40 – 12:20

IL16

Maurizio Prato

University of Trieste

From Molecules to Nanostructures: The
Versatile World of Carbon Nanodots



12:20 – 12:40 Closing Remarks

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<https://jisoc-symposium.org/>

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