

WEDNESDAY, OCT 15

Session 9 Chair: Marcella Bonchio

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

Chemical Science

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



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

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JISOC 2025

Japanese-Italian Symposium
on Organic Chemistry

Camera di Commercio,
Corso Cavour, 2
Bari

OCT **12-15** 2025



SUNDAY, OCT 12

15:00 – 17:00

Registration

17:00 – 17:30

Opening Ceremony

Chair: Renzo Luisi & Paolo Melchiorre

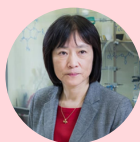
17:30 – 18:30

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

Polytechnic University of Milan

Harnessing Chemoenzymatic Catalysis for Selective and
Sustainable Terpenoid Synthesis

12:25 – 13:05

IL4

Gianluca Farinola

University of Bari

From Organic Synthesis to Synthetic Biology:
Sustainable Materials for Solar Energy Conversion



13:05 – 14:30

Lunch

Session 3

Chair: Franca Zanardi

14:30 – 15:10

IL5

Motomu Kanai

Tokyo University

Catalytic Carbonyl Allylation Using Alkenes



15:10 – 15:25

OC5 – Giulio Bertuzzi

University of Bologna

New Strategies in Bicyclo[1.1.0]butanes Chemistry: Au-Catalysis
and Electrosynthesis

15:25 – 15:40

OC6 – Camilla Loro

University of Insubria

Electrifying Nickel-Catalyzed C-H Amination of Ethers

15:40 – 17:00

Poster Session & Coffee Break

Session 4

Chair: Giorgia Oliviero

17:00 – 17:40

IL6

Francesca Paradisi

University of Bern

Innovation in Enzymatic Catalysis



17:40 – 17:55

OC7 – Caterina Campinoti

University of Pisa

Electro-oxidative Nitroso-Diels-Alder Reaction for the
Regioselective Functionalization of Dihydropyridines

17:55 – 18:10

OC8 – Ciro Romano

University of Bologna

Leveraging C-H activation for the Manipulation of C(sp³)-O
and C(sp³)-S bonds

18:10 – 20:00

Enjoy the City

From 20:00

Conference Gala Dinner

Barion Sporting Club

TUESDAY, OCT 14

Session 5

Chair: Giovanni Piersanti

09:00 – 09:40

IL7

Takashi Ooi

Nagoya University

Development of Organic Radical Catalysts



09:40 – 10:20

IL8

Luca Dell'Amico

University of Padua

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

13:10 – 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