ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

ISOFR 14 2026

June 7-10 2026
Bologna

XIV International Symposium of Free Radicals

SUNDAY, June 7th 2026 - Aula Absidale Santa Lucia

14.00 - 15.00 Registration

15.00 - 15.10 Opening

15.10 - 15.20 **Ned Porter** - ISOFR: Origins, Evolution, and Scientific Legacy

From Radical Foundations to Modern Reactivity Design

Session supported by Chiesi

Chairperson: Mukund Sibi

15.20 - 15.50 **Bernd Giese**
University of Fribourg, Switzerland
50 years of the Giese reaction (Distinguished speaker)

15.50 - 16.20 **Chrys Chatgilialoglu**
ISOF-CNR Bologna, Italy
Adam Mickiewicz University, Poznan, Poland
Fifty Years of Free Radicals: it's been an incredible journey (Distinguished speaker)

16.20 - 17.05 **PL 1**
Armido Studer
University of Münster, Germany
Regioselective Pyridine C-H Functionalization and Skeletal Editing

17.15 - 20.30 Welcome Cocktail & Dinner

MONDAY, June 8th 2026

Designing Radical Reactivity: Catalysis and Reaction Control

Session supported by Procos

Chairperson: Bartholomäus Pieber

09.00 - 09.45 **PL 2**
Abigail Doyle
University of California, Los Angeles
Phosphine and Photoredox Catalysis

09.45 - 10.10 **IL 1**
Luca Dell'Amico
University of Padova, Italy
Mechanistic investigations in light-driven synthetic chemistry: from direct photochemistry to organophotoredox catalysis

10.10 - 10.25 **OC 1 - Fabio Juliá**
Universidad de Murcia, Spain
Ferrioxalate Photocatalysis

10.25 - 10.40 **OC 2 - Giacomo E. M. Crisenza**
University of Manchester, UK
Electroreductive Strategies for the Ring-Opening of Heterocycles

10.40 - 11.05 **IL 2**
David Nicewicz
University of North Carolina Chapel Hill, USA
Excited State Acridyl Radical Chemistry

11.05 - 11.30 Coffee break

11.30 - 11.55 **IL 3**
Garret Miyake
Colorado State University, USA
ChemSocRev Pioneering Investigator Lectureship
Super-Reducing Organic Photoredox Catalysts

From Radical Reactivity to Complex Functional Systems and Materials

Session supported by Angewandte Chemie

Chairperson: Kirsten Zeitler

11.55 - 12.20 **IL 4**
Yang Yang
University of California Santa Barbara, USA
New Strategies for Stereoselective Radical Biocatalysis

12.20 - 12.35 **OC 3 - Christoph K. Winkler**
University of Graz, Austria
Radicals Under Enzymatic Control: The Photoenzyme CvFAP as a Platform for New-to-Nature Biocatalysis

12.35 - 13.00 **IL 5**
Athina Anastasakis
ETH Zurich, Switzerland
Monomers from Polymers: Reversing Radical Polymerization

13.00 - 14.00 Lunch and Posters 1

Modern Radical Methods in Synthesis and Industry

Session supported by Johnson & Johnson

Chairperson: Ciro Romano

14.00 - 14.25 **IL 6**
Giulia Bergonzini
AstraZeneca, Mölndal, Sweden
Chemistry at the Forefront: Technology-Enabled Drug Discovery

14.25 - 14.50 **IL 7**
Shunsuke Chiba
Nanyang Technological University, Singapore
Skeletal and peripheral remodeling of azaheteroarenes via SET-driven dearomatization

14.50 - 15.15 **IL 8**
Pier Giorgio Cozzi
Department of Chemistry 'Giacomo Ciamician', University of Bologna, Italy
Supramolecular Photoactive Titanium Complexes for HAT Reactions

15.15 - 15.30 **OC 4 - Dmytro M. Volochnyuk**
Enamine LTD, Kiev, Ukraine
Shono-type electrochemical synthesis of cyclic Encarbamates

15.30 - 15.55 Coffee break

15.55 - 16.20 **IL 9 - lecture supported by Thieme**
Xin-Yuan Liu
Department of Chemistry, Southern University of Science and Technology (SUSTech), Shenzhen, China
Cu/Chiral Anionic Ligand-Catalyzed Enantioselective Radical Reactions

16.20 - 17.05 **PL 3**
Christina White
University of Illinois, Urbana-Champaign, USA
Site-Selective C—H Oxidations

17.05 - 18.50 **Posters 1 and wine tasting/beers**

20.00 Speakers' dinner

TUESDAY, June 9th 2026

Decoding Radical Reactivity: Physical Organic, Theory and Excited-State Control

Session supported by RSC

Chairperson: Joshua Barham

09.00 - 09.45 **PL 4**
Daniele Leonori
RWTH Aachen University, Germany
Novel Synthetic Methods in Photochemistry and Photocatalysis

09.45 - 10.10 **IL 10**
Rob Paton
Colorado State University, USA
Computational Strategies for Predicting Triplet-State Reactivities and Selectivities

10.10 - 10.35 **IL 11**
Massimo Bietti
Università di Roma "Tor Vergata", Roma, Italy
Role of Structural and Medium Effects in Chemoselective HAT-based C(sp3)-H Bond Functionalizations

10.35 - 11.00 **IL 12**
Oliver Wenger
University of Basel, Switzerland
Organic Radical Reactivity in Photoredox Catalysis

11.00 - 11.30 Coffee break

11.30 - 11.45 **OC 5 - Paola Ceroni**
University of Bologna, Italy
Thermally Activated Delayed Fluorescence and photocatalysis: generation of radical anion from S1 and T1 excited states

Designing Radical Reactivity: From Methodology to Catalytic Strategy

Session supported by Linev System

Chairperson: Patricia Z. Musacchio

11.45 - 12.10 **IL 13**
Sungwoo Hong
Department of Chemistry, KAIST, Daejeon, Korea
A Photocatalytic Platform for Atom Transfer and Diversification via Reversible Triplet Activation of Pyridinium Ylides

12.10 - 12.25 **OC 6 - Daniele Mazzarella**
University of Rome Tor Vergata, Roma, Italy
Wired for Stereoselectivity: The Merger of Electrochemistry and Aminocatalysis for SOMO Applications

12.25 - 12.40 **OC 7 - Huan-Ming Huang**
ShanghaiTech University, China
Radical Based Divergent Synthesis

12.40 - 13.05 **IL 14**
Franziska Schoenebeck
RWTH Aachen University, Germany
Radically New Pathways in Metal Catalysis & Beyond

13.05 - 14.10 **Lunch and Posters 2**

Advanced Radical Methodology: Catalysis, Selectivity and Reaction Design

Session supported by Alfatech

Chairperson: Sara Cuadros

14.10 - 14.35 **IL 15**
David Nagib
The Ohio State University
Radical Polarity (2.0)

14.35 - 14.50 **OC 8 - Yoonsu Park**
KAIST, Daejeon, South Korea
Photocatalytic Furan-to-Pyrrole Conversion

14.50 - 15.05 **OC 9 - Dmitry Katayev**
University of Bern, Switzerland
Radical Ligand Transfer Catalysis for Molecular Design

15.05 - 15.30 **IL 16**
Kirsten Zeitler
Leipzig University, Germany
PCET beyond Simple pKa-Related Base Effects

16.00 Guided tours of Bologna

20.00 Gala Dinner (Salotto Boschi)

WEDNESDAY, June 10th 2026

Fundamental Radical Chemistry: Mechanism, Structure and Reactivity in Complex Environments

Session supported by BASF

Chairperson: Luca Valgimigli

09.00 - 09.45 **PL 5**
Takashi Ooi
Institute of Transformative Bio-Molecules (ITbM), Nagoya University, Japan
Development of Organic Radical Catalysts

09.45 - 10.10 **IL 17**
Olivier Ouari
Aix Marseille University / CNRS, Marseille, France
The Many Lives of Radicals: Powering Energy Storage and Transforming NMR Spectroscopy

10.10 - 10.35 **IL 18**
Derek Pratt
University of Ottawa, Canada
Suppressing Chain Reactions in Subcellular Spaces to Treat Disease

10.35 - 11.00 **IL 19**
Rebecca Melen
School of Chemistry, Cardiff University, UK
Single or Double? A Radical Approach to Frustrated Lewis Pairs

11.00 - 11.30 Coffee break

Translational Radical Chemistry: From Discovery to Application

Chairperson: Fabrice Dénès

11.30 - 11.45 **OC 10 - Patricia Z. Musacchio**
University of Buffalo, USA
A Redesigned Approach to Accessing Cationic Intermediates

11.45 - 12.00 **OC 11 - Joshua P. Barham**
University of Strathclyde, Glasgow, UK
Auto-Photoredox Catalysis

12.00 - 12.15 **OC 12 - Anastasios Polyzos**
University of Melbourne, Australia
The Photocatalytic Generation of Carbanion Equivalents

12.15 - 12.40 **IL 20**
Jesus Alcazar
Johnson & Johnson, Toledo, Spain
Applications of photochemistry to enable chemical space in Drug Discovery

12.40 - 13.05 **IL 21**
Cristina Nevado
University of Zurich, Switzerland
Asymmetric Remote Functionalization of Alkenes

13.05 - 14.00 **Lunch and Posters 2**

Radical Reactivity: Mechanism, Design and Molecular Complexity

Session supported by the Italian Chemical Society SCI

Chairperson: Giorgio Bencivenni

14.00 - 14.25 **IL 22**
David J. Procter
University of Manchester, UK
Sulfonium salts and light

14.25 - 14.50 **IL 23**
Sami Lakhdar
CNRS / Université de Toulouse, France
Mechanistically Guided Strategies for the Design and Synthesis of Organophosphorus Compounds

14.50 - 15.05 **OC 13 - John A. Murphy**
University of Strathclyde, Glasgow, Scotland
How KOtBu and Other Alkoxides Initiate Radical Reactions

15.05- 15.20 **OC 14 - Javier Mateos**
University of Vienna, Austria
Bench-stable Selenium Salts – From Stable Radicals to Red-Light Absorbing Photocatalysts

15.20 - 15.35 **OC 15 - Bartholomäus Pieber**
Institute of Science and Technology Austria, Vienna, Austria
Photoredox control of SN2 reactivity via synchronized nucleophile and electrophile generation

15.35 - 16.00 **IL 24**
Corey Stephenson
University of British Columbia, Vancouver, Canada
Radical Ideas: The Origins and Evolution of Visible-Light Photocatalysis

16.00 - 16.30 Closing remarks & poster prizes

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