

Confirmed Speakers

2024 Janssen Prize for Creativity in Organic Synthesis

New Synthetic Methods for C–F Bond Formation: From Fundamental Science to Applications



Prof. Melanie S. SANFORD
(UNIVERSITY OF MICHIGAN, Ann Arbor, United States)

2024 Tetrahedron Chair

Natural Products and the Chemistry they Inspire



Prof. Sarah E. REISMAN
(CALIFORNIA INSTITUTE OF TECHNOLOGY, Pasadena, United States)

Confirmed Plenary Speakers

Assembly Line Synthesis



Prof. Varinder K. AGGARWAL
(UNIVERSITY OF BRISTOL, Bristol, United Kingdom)

C–H Amidation via Metal Nitrenoid Transfer: Reaction Scope and Validation of Nitrene Intermediates



Prof. Sukbok CHANG
(KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY (KAIST), Daejeon, Korea, South)

Biocompatible Photochemistry



Prof. Yiyun CHEN
(SHANGHAI INSTITUTE OF ORGANIC CHEMISTRY, Shanghai, China)

Advances In Bismuth Redox Catalysis



Dr Josep CORNELLA
(MAX-PLANCK-INSTITUT FÜR KOHLENFORSCHUNG, Mülheim, Germany)

Chirality and Multifunctionality in Helicene-based Chemical Platforms



Prof. Jeanne CRASSOUS
(CNRS INSTITUT DES SCIENCES CHIMIQUES DE RENNES, Rennes, France)

Application of ex-situ Generated Gases in Organic Synthesis



Prof. Wim DE BORGGRAEVE
(KU LEUVEN, Leuven, Belgium)

Confirmed Speakers

Machine Learning and Catalysis



Prof. Abigail DOYLE
(UCLA, Los Angeles, United States)

Reactions in Confined Spaces



Prof. Rafal KLAJN
(INSTITUTE OF SCIENCE AND TECHNOLOGY AUSTRIA (ISTA), Klosterneuburg, Austria)

Single Atom Logic for Skeletal Editing



Prof. Mark LEVIN
(UNIVERSITY OF CHICAGO, Chicago, United States)

Furan and TAD-based Bio-orthogonal Nucleic Acid and Protein Modification



Prof. Annemieke Madder
(UGENT, Ghent, Belgium)

Catalysis for Late-Stage Functionalization



Prof. Belén MARTÍN MATUTE
(STOCKHOLM UNIVERSITY, Stockholm, Sweden)

Photochemistry, Enzymes & Organocatalysis: New Radical Opportunities



Prof. Paolo MELCHIORRE
(UNIVERSITY OF BOLOGNA, Bologna, Italy)

Boron Lewis acid Catalysts for Organic Synthesis



Prof. Rebecca MELEN
(CARDIFF UNIVERSITY, Cardiff, United Kingdom)

From Batch to Flow: Advancing Synthetic Organic Chemistry through Technological Innovation



Prof. Timothy NOËL
(UNIVERSITY OF AMSTERDAM, Amsterdam, The Netherlands)

Data Science Meets Organic Reaction Development



Prof. Matthew S. SIGMAN
(THE UNIVERSITY OF UTAH, Salt Lake City, United States)

Confirmed Speakers

Combining Photochemical Reaction Modes and Switching Photocatalysts to Advance Sustainable Synthetic Technologies



Prof. Georgios VASSILIKOGIANNAKIS
(UNIVERSITY OF CRETE, Heraklion, Greece)

Elucidation of Reaction and Deactivation Pathways in Catalyst Materials by Time- and Space-resolved Operando Spectroscopy



Prof. Bert WECKHUYSEN
(UNIVERSITY OF UTRECHT, Utrecht, The Netherlands)

Main-group Strategy for Emissive π -Electron Materials



Prof. Shigehiro YAMAGUCHI
(NAGOYA UNIVERSITY, Nagoya, Japan)

Reaxys Workshop