

Photocat26

II International School of Photochemistry:
from Photocatalysis to Photobiology

September 21st -25th 2026
Alicante (Spain)

CONFERENCE PROGRAM



II School of Photochemistry:
from Photocatalysis to Photobiology
21-25 September 2026, Alicante (Spain)

INTRODUCTION

Photocat26: II International School of Photochemistry: from Photocatalysis to Photobiology

PHOTOCAT26 is the second edition of an International advanced training school aimed at PhD students, postdoctoral researchers, and early-career scientists working in sustainability-related fields such as photochemistry and biocatalysis, both in academic and industrial contexts. Building on the success of the inaugural edition held in Padova, Italy, which gathered over 200 participants and featured 15 lectures by world-renowned scientists, PHOTOCAT26 continues to promote interaction between academia and industry by strengthening a European network for advanced training in sustainable chemistry. This biennial and itinerant series takes place at venues associated with the Scientific Committee members, fostering a pan-European perspective on sustainability in chemical research.

This edition, PHOTOCAT26, will be hosted in Alicante, Spain, and will further help bridge the gap between academic research and industrial applications by training a new generation of researchers in green chemistry, utilizing sustainable resources such as sunlight and biocatalysts. The international scope and biennial format of the event will support the sustainable growth of the regional chemical ecosystem, with significant impact at national and European levels. Additionally, the European network established through these editions will encourage collaborative projects and facilitate mobility for young researchers involved.

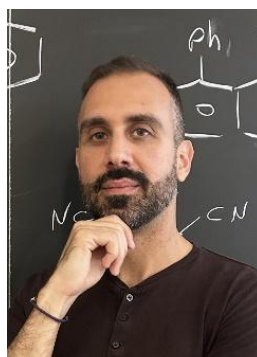
The Scientific Committee



Irene Bosque
University of
Alicante, Spain



Olalla Vázquez
Philipps
University
Marburg,
Germany



**Luca
Dell'Amico**
University of
Padova, Italy



Bartholomäus Pieber
Institute of Science
and Technology
Austria (ISTA), Austria

INTERNATIONAL ADVISORY BOARD

Paolo Melchiorre (Italy)

Kirsten Zeitler (Germany)

Corinna Schindler (Canada)

Tobias Ritter (Germany)

Gilles Gasser (France)

Ryan Gilmour (Germany)

Burkhard König (Germany)

Martín Fañanás Mastral (Spain)

Daniele Leonori (Germany)

Cristina Nevado (Switzerland)

Abraham Mendoza (Spain)

Andrea Rentmeister (Germany)

Timothy Noël (The Netherlands)

Carlos Vila Descals (Spain)

LOCAL ORGANIZING COMMITTEE

Irene Bosque

Jose C. Gonzalez-Gomez

Sara Cuadros

Mario Martínez López

Nuria Soler Segura

Francisco Alonso

Yanira Pérez-Almarcha

Alejandro Cores-Rodríguez

José Trujillo Sierra

Francisco J. Sierra-Molero

Luis Paredes Soler

María González-Marcos

Alejandro Baeza

Davinia Manresa Espejo

Francisco Foubelo

María de Gracia Retamosa

Isidro M. Pastor

Darío Adsuar Vargas

Pawel Jaroslaw Bronk

David Guijarro Espí

Albert Guijarro

Ana Sirvent

Xavier Marset

Beatriz Quevedo Flores

Gabriela Guillena Townley

Diego J. Ramón Dangla

Alejandro Armero Iglesias

Diana Almasi

Francisca Medina Medina

Javier González Bernabeu

José Miguel Sansano

Rafael J. Chinchilla Cruz

CONFERENCE VENUE

Aulario II – Universidad de Alicante

Carretera de San Vicente del Raspeig, s/n
03690 San Vicente del Raspeig, Alicante (ES)



About the University of Alicante (UA)

The **University of Alicante** is delighted to welcome you and to host this conference, which provides a valuable opportunity for dialogue, knowledge exchange and interaction among researchers, professionals and students.

Located in an open, dynamic and international Mediterranean environment, the University of Alicante is firmly committed to the generation and transfer of knowledge, excellence in education, research and innovation, as well as to its responsibility and commitment to society.

Although the University of Alicante is a relatively young institution in its modern form, its academic roots in the province of Alicante go back much further. Its historical predecessor can be traced to the **University of Orihuela**, whose origins date back to the 16th century. The project began in **1546**, received papal recognition in **1569**, began teaching in **1610**, and eventually closed in **1808**.

The direct origins of the present-day University of Alicante can be traced to the **University Studies Center (CEU)** in Alicante, inaugurated in **1968**. This institution laid the foundations for the future university and enabled the city to re-establish stable higher education. Later, during the **1975–76 academic year**, the University of Valencia established the faculties of **Arts and Humanities** and **Sciences** in Alicante, incorporating the CEU's existing departments as part of the transition towards university independence.

The official creation of the **University of Alicante** came with **Law 29/1979, of October 30**, which initially assigned it the faculties of **Sciences** and **Arts and Humanities**, together with the university schools of **Business Studies** and **Teacher Training for Basic General Education (EGB)**, which had previously been affiliated with the University of Valencia. The new university also incorporated new faculties, including **Medicine**, **Law**, and **Economics and Business Administration**, as well as the **University School of Nursing**.



The story of the University of Alicante is also closely connected to the unique place where the campus was built. The university was established on the site of a former **light-aircraft hangar**, giving the campus an unusual connection with the history of aviation and with the transformation of the surrounding landscape. One of the most distinctive reminders of this past is the **former control tower**, which has been preserved and still retains its original name. Today, the tower is one of the landmark buildings of the campus, standing as a visible reminder of the site's previous life.

The former hangar has also acquired a new role within the university. Rather than disappearing completely, it has been transformed into a **small green refuge within the campus**, providing a space where traces of the site's industrial and aviation past coexist with vegetation and the contemporary university environment. In this way, the campus itself tells part of the University's story: a place where the past has not simply been replaced, but incorporated into a new academic, scientific and social environment.

In **1985**, the University approved its **first Statutes**, consolidating its institutional identity and organizational structure. During the **1980s and 1990s**, the University experienced a period of rapid expansion, with the construction and opening of key facilities, including the faculties of **Law** and **Sciences**, the **University Hall of Residence**, the **Lecture Halls**, the **General Library**, the **Rectorate**, and numerous new teaching and research facilities. In **1991**, the **Alicante Higher**

Polytechnic School, which had previously been dependent on the Polytechnic University of Valencia, was incorporated into the University of Alicante, significantly strengthening its technical and engineering profile.

This history reflects an institution that has continuously evolved in response to the educational, scientific and social needs of its environment. From its historical academic roots to its development as a modern, international university, the University of Alicante has built a strong community dedicated to education, research, innovation and the transfer of knowledge. Its campus itself embodies this evolution, bringing together historical traces of its former identity with the spaces devoted today to teaching, research, collaboration and innovation.

Hosting this event at our University offers an excellent opportunity to share experiences, establish new collaborations and work together to address the scientific and societal challenges of our time. We hope that your stay in Alicante and on our campus will also contribute to creating academic and personal connections that will continue beyond the conference itself.

This welcome is particularly meaningful as it coincides with the celebration of the **50th anniversary of the Faculty of Sciences of the University of Alicante**. For five decades, the Faculty of Sciences has played a fundamental role in educating generations of professionals, promoting scientific research and contributing to the transfer of knowledge to society.



Celebrating fifty years of history also means recognising the commitment and dedication of all those who have contributed to building this academic community: faculty members, researchers, technical staff, students, and administrative and support staff. It is a celebration of half a century of science, education, innovation and social commitment, which has helped establish the Faculty of Sciences as a key centre for scientific knowledge within our University and its wider environment.

This anniversary is also an opportunity to look towards the future. The challenges facing science and society today require collaboration across disciplines, institutions and borders. Universities have a central role to play in generating knowledge, fostering critical thinking and preparing future generations to respond to these challenges. Conferences such as this one provide an important space in which these goals can become a reality through dialogue, cooperation and the exchange of ideas.

We hope that this conference will be a rewarding scientific and academic experience and that Alicante and the University of Alicante will provide an inspiring environment for discussion, collaboration and the generation of new ideas.

We warmly welcome you to the University of Alicante and wish you a successful and enjoyable conference.



We warmly welcome you to the University of Alicante and wish you a successful and enjoyable conference.

For further information about the University of Alicante, please visit:

<https://www.ua.es/>

How to Get to UA

Alicante Turismo

Once you arrive at Alicante Airport or the Train Station, follow the signs to baggage claim/ground transportation.

From the Airport

There are primarily two ways to get from the Airport to the University of Alicante: Taxi or Bus and Tram (Rail).

- Taxi: You can get to the University of Alicante within 20 minutes by taxi; the cost is approximately 20 € (depending on traffic).
- Taxi Location & Information: Taxis will line up outside of both Arrivals and Departures. Radio Taxi Elche operates the official Alicante Airport taxis and can be identified by the green strip and coat of arms of Elche. Contact: +34 965 42 77 77. Operating hours: 09:00 to 01:00.
- Bus: There is a single bus stop for all lines at the second level (Departures) of the main terminal. Bus Line C6 runs from the Airport to downtown Alicante every 20 minutes (night service hourly from 00:00 to 05:00). It stops at Luceros and Mercado TRAM Stations, which connect to lines 1, 2, 3, and 4. Line 2 to *San Vicente* takes you directly to the University.

From the Train Station

- Taxi: Travel time is about 20 minutes to the University, at a cost of approx. 15€.
- Taxi Location & Information: Taxis wait outside the station. Company: *Radio Taxi Alicante*. Contact: +34 965 25 25 11.
- Public transport: Use Bus Line 24 or Tram Line 2.

GENERAL INFORMATION

Language

All lectures are in English. There will be no facilities for simultaneous translation.

4.1. Internet

The conference venue will have open-access wireless networks available for all conference participants.

Remember that the electric current in Spain is 220V and plugs are two-pin continental sizes.

4.2. Communication certificates

Attendance certificates, as well as certificates for oral and poster presentations, can be downloaded from the conference website (user area) once the congress has ended.

4.3. Advice to presenters

- *Oral Presenters*

Duration

Plenary Lecture (PL): 60 min (50 min + 10 min Q&A)

Invited Lectures (IL): 30 min (25 min + 5 min Q&A)

Oral Communications (OC): 15 min (12 min + 3 min Q&A)

Information

- ✓ Presentations must be prepared in either **PowerPoint 2016/2019/2021/365**. Presenters are advised to use standard Office fonts and embed videos in the slides.
- ✓ Please bring your widescreen slides in either **PowerPoint or PDF** form on a flash drive well in advance and before your presentation day.
- ✓ There will be a chair in the room to introduce each presenter, moderate the Q&A for each talk and ensure you keep to the time.
- ✓ Please arrive at least **15 minutes earlier** to your session.

- *Poster Presenters*

The poster format is: Size A0 Portrait (841mm wide × 1189 mm high)

Information

- ✓ Your poster board will be numbered by the **ID** of your contribution from the Conference Program.

- ✓ Poster(s) should be readable at a distance of at least 1 meter.
- ✓ Information on the day and time of your poster session is available in the Conference Program, but your poster will be displayed during the three days of the conference. Please make sure you attach your poster to the correct board.
- ✓ Materials to pin up your poster will be available.
- ✓ You will be expected to **print and bring** your poster with you to the conference. Printing will not be available at the conference.
- ✓ The poster should be placed the first day of the conference (20th) and **removed after Poster session 2 (Wednesday 23rd)**.

CONFERENCE OFFICE

The Conference Area will be located on the ground floor of the Aulario II building (conference venue).

Outside the lecture theatre, in the central access area, the Conference Office will be permanently established next to the Hospitality Desk. Sponsors stands will be located on the 1st floor.

Meeting Room

17-20 Sept: Room A2/E04
21 Sept (9-12 h): Room A2/A21B
21 Sept (from 12 h): Room A2/E04
22 Sept: Room A2/E04
23 Sept (9-13 h): Room A2/D01
23 Sept (from 14 h): Room A2/E04
24-25 Sept: Room A2/E04

From the Conference Office room:

- You may access the Club Social II building, where work lunches will take place.
- Make coffee breaks, although they could also be carried out on the 1st floor, depending on the availability.
- Access the 1st floor where the poster sessions will take place

SCIENTIFIC PROGRAM

Reduced Program (See last page)

Full program

Monday, 21/09/2026

Aulario II – Salón de Actos

14:00 – 15:30 Registration

15:30 – 16:00 Opening Ceremony

Chairperson: Irene Bosque

Wiley-sponsored session: Advanced Synthesis & Catalysis, Advanced Science, and Advanced Chemical Engineering

16:00 – 17:00 **PL1. Thorsten Bach** (TUM Munich, Germany)

17:00 – 18:00 **PL2. Henry Dube** (Friedrich Alexander University, Germany)

The Museum of the University of Alicante (MUA)

18:30-20:00 Get-together Cocktail

Tuesday, 22/09/2026

Aulario II – Salón de Actos

Chairperson: Alejandro Baeza

9:30 – 10:30 **PL3. Olga García Mancheño** (Rostock University, Germany)

10:30 – 10:45 **OC1. Vid Kermelj.**

Nickel-Catalyzed C(sp³)–H Arylation of *N,N*-Dialkyl Enaminones via Blue-Light-Driven Direct Hydrogen Atom Transfer.

10:45 – 11:00 **OC2. Chiara Antenucci.**

Synthesis of Amino-2,3-Dihydrofurans by Radical–Polar Crossover Visible-Light Photoredox Ring Expansion of α -Ketoaziridines.

11:00 – 11:15 **OC3. Kenta Tanaka.**

Redox-potential-controlled Thioxanthylum Organophotoredox Catalysis

11:15 – 11:30 **OC4. Francisco Juliá-Hernández.**

Earth-Abundant Metal Photodecarboxylation for Radical Fluoroalkylations

11:30 – 12:00 *Coffee break*

Chairperson: Bartholomäus Pieber

- 12:00 – 13:00 **PL4. Grace Han** (University of California, Santa Barbara, USA)
 13:00 – 13:30 **IL1. Leyre Marzo** (Universidad Autónoma de Madrid UAM, Spain)
 13:30 – 15:00 *Lunch (Club Social I)*

Chairperson: David Guijarro

- 15:00 – 16:00 **PL5. Alexander Breder** (Universität Regensburg, Germany)
 16:00 – 16:15 **OC5. Valeska Viereckt.**
 Triazole substitution turns cyanine dyes into viable probes for straightforward three-colour bacterial cell tracking.
 16:15 – 16:30 **OC6. Sara Cuadros.**
 Dual-role Iron Species in Photoelectrocatalytic Radical Trifluoromethylation with Trifluoroacetates.
 16:30 – 18:00 *Coffee break* + **Poster Session 1 (P1 – P45)**
 18:00 – 20:30 **Guided activity: Beach Volleyball or Walk by the Beach**

Wednesday, 23/09/2026

Aulario II – Salón de Actos

Chairperson: Francisco Alonso

- 9:30 – 10:30 **PL6. Geraldine Masson** (CNRS Paris, France)
 10:30 – 11:00 **IL2. Johannes M. Wahl** (Johannes Gutenberg-Universität Mainz, Germany)
 11:00 – 11:15 **OC7. Mauro Mato Gómez.**
 Learning from and Teaching Nature with Light.
 11:15 – 11:30 **OC8. Nayan Saha.**
 A de novo Approach to 3-Azabicyclo[3.1.1]heptanes via the Synergistic Combination of Odd-Alternant Photocatalysis and Orthogonal Lewis Acid Activation.
 11:30 – 12:00 *Coffee break*

Chairperson: Albert Guijarro

- 12:00 – 13:00 **PL7. Mariola Tortosa** (Universidad Autónoma de Madrid, Spain)
 13:00 – 13:30 **IL3. Anastasios Polyzos** (University of Melbourne, Australia)
 13:30 – 15:00 *Lunch (Club Social I)*

Chairperson: *Luca Dell'Amico*

15:00 – 16:00 **PL8. Ming Joo (MJ)Koh** (National University of Singapore, Singapore)

16:00 – 16:15 **OC9. Manuel Plaza Martínez.**

New photochemical reactions for C(alkenyl)-S bond formation.

16:15 – 16:30 **OC10. Elena Cassera.**

Aldehydes as CO-releasing molecules: in-situ and ex-situ Giese reactions and palladium-catalyzed aminocarbonylations.

16:30 – 18:00 *Coffee break* + **Poster Session 2 (P46 – P83)**

18:00 – 20:30 **Guided activity: Visit to Alicante city**

Thursday, 24/09/2026

Aulario II – Salón de Actos

Chairperson: *Gabriela Guillena Townley*

9:30 – 10:30 **PL9. Marcos G. Suero** (ICIQ Tarragona, Spain)

10:30 – 10:45 **OC11. Felicity Draper.**

Surpassing Photon Limits in Earth-Abundant Photoredox Catalysis.

10:45 – 11:00 **OC12. Fabio Juliá.**

Ferrioxalate Photocatalysis.

11:00 – 11:15 **OC13. Giulio Goti.**

Radical Approaches to Saturated Analogues of Aryl C–Glycosides.

11:15 – 11:30 **OC14. Aniket Kumar Srivastawa.**

Mechanophotochemistry: Lighting up EDA complexes in the Solid-State.

11:30 – 12:00 *Coffee break*

Chairperson: *Isidro M. Pastor*

12:00 – 13:00 **PL10. David Nicewicz** (Nanyang Technological University (NTU), Singapore).

13:00 – 13:30 **IL4. Marcio Weber Paixao** (Federal University of São Carlos, Brazil)

13:30 – 15:00 *Lunch (Club Social I)*

Chairperson: Olalla Vázquez

15:00 – 15:15 **OC15. Jorge García-Lacuna.**

Diastereoselective Radical hydroalkylations of cyclopropenes enabled by EDA complexes.

15:15 – 15:30 **OC16. Ian MacKenzie.**

Predictive Control over Photocatalytic Properties in Improved Pyrylium Photocatalysts.

15:30 – 15:45 **OC17. Giuseppe Zuccarello.**

Enantioselective Hydrogen Atom Relay via Non-covalent Catalyst Assembly.

15:45 – 16:00 **OC18. Hugo Salazar.**

Atomic-level engineering of carbon nitride via heteroatom doping for solar-driven hydrogen peroxide production.

16:00 – 17:00 **PL11. María Luisa Marín** (Universitat Politècnica de València, Spain)

17:00 – 17:15 *Coffee break*

20:00 – 00:30:00 Social Dinner

Friday, 25/09/2026

Aulario II – Salón de Actos

Chairperson: Jose C. Gonzalez-Gomez

10:00 – 11:00 **PL12. Luke D. Lavis** (HHMI Janelia Research Campus, USA)

11:00 – 12:00 **PL13. Corey R. J. Stephenson** (University of British Columbia, Vancouver, Canada)

12:00 – 12:30 *Coffee break*

Chairperson: Irene Bosque

12:30 – 13:00 **Sponsors and Editors**

13:00 – 13:30 *Awards and final remarks*

13:30 – 14:30 **Suggested activity: Visit 'European Research Night (ERN)' stands at UA.**

PLENARY LECTURES



PL1.

Catalytic Photochemical Deracemization Reactions

Thorsten Bach

(TUM Munich, Germany)



PL2.

Photoresponsive tools for constructing and steering synthetic and biological molecular machines

Henry Dube

(Friedrich Alexander University, Germany)



PL3.

Photocatalysis Unleashed: From (Hetero)cycle Construction to Molecular Fine-Tuning

Olga García Mancheño

(Rostock University, Germany)



PL4.

Photoswitches for energy storage and release: new molecular transformations and aromaticity control

Grace Han

(University of California, Santa Barbara, USA)

**PL5.****The Principle of σ -Bond Quantum Poling****Alexander Breder**

(Universität Regensburg, Germany)

**PL6.****From Photocatalyst Design to Selective Synthetic Transformations****Geraldine Masson**

(CNRS Paris, France)

**PL7.****Shining light to prepare sp³-rich building blocks****Mariola Tortosa**

(Universidad Autónoma de Madrid, Spain)

**PL8.****Simplifying Synthesis through Photochemical Editing****Ming Joo (MJ) Koh**

(National University of Singapore, Singapore)

**PL9.****Catalytic carbyne transfer in organic synthesis****Marcos G. Suero**

(ICIQ Tarragona, Spain)



PL10.

**Photochemical-Driven Natural Product
Synthesis**

David Nicewicz

(Nanyang Technological University (NTU),
Singapore).



PL11.

**Supported Photocatalysts for
Environmentally Relevant Photoredox
Applications**

María Luisa Marín

(Universitat Politècnica de València, Spain)



PL12.

**Illuminating biological processes using
chemistry**

Luke Lavis

(HHMI Janelia Research Campus, USA)



PL13.

**Photoredox Catalysis and the Rise of
Programmable Radical Chemistry**

Corey R. J. Stephenson

(University of British Columbia, Vancouver,
Canada)

INVITED LECTURES

**IL1.****From Triplet State to C–C Bond: Photophysical and Synthetic Dimensions of Acyl Azolium Salts****Leyre Marzo**

(Universidad Autónoma de Madrid UAM, Spain)

**IL2.****From Fluorine-Promoted to Fluorine-Enabled Photochemistry****Johannes M. Wahl**

(Johannes Gutenberg-Universität Mainz, Germany)

**IL3.****Multiphoton Photoredox Strategies for the Generation of Reactive Intermediates****Anastasios Polyzos**

(University of Melbourne, Australia)

**IL4.****Photochemical Strategies for the Synthesis and Modification of Bio-Relevant Molecules****Marcio Weber Paixao**

(Federal University of São Carlos, Brazil)

ORAL COMMUNICATIONS

OC1. Vid Kermelj. Nickel-Catalyzed C(sp³)-H Arylation of *N,N*-Dialkyl Enaminones via Blue-Light-Driven Direct Hydrogen Atom Transfer.

OC2. Chiara Antenucci. Synthesis of Amino-2,3-Dihydrofurans by Radical-Polar Crossover Visible-Light Photoredox Ring Expansion of α -Ketoaziridines.

OC3. Kenta Tanaka. Redox-potential-controlled Thioxanthylum Organophotoredox Catalysis

OC4. Francisco Juliá-Hernández. Earth-Abundant Metal Photodecarboxylation for Radical Fluoroalkylations

OC5. Valeska Viereck. Triazole substitution turns cyanine dyes into viable probes for straightforward three-colour bacterial cell tracking.

OC6. Sara Cuadros. Dual-role Iron Species in Photoelectrocatalytic Radical Trifluoromethylation with Trifluoroacetates.

OC7. Mauro Mato Gómez. Learning from and Teaching Nature with Light.

OC8. Nayan Saha. A de novo Approach to 3-Azabicyclo[3.1.1]heptanes via the Synergistic Combination of Odd-Alternant Photocatalysis and Orthogonal Lewis Acid Activation.

OC9. Manuel Plaza Martínez. New photochemical reactions for C(alkenyl)-S bond formation.

OC10. Elena Cassera. Aldehydes as CO-releasing molecules: in-situ and ex-situ Giese reactions and palladium-catalyzed aminocarbonylations.

OC11. Felicity Draper. Surpassing Photon Limits in Earth-Abundant Photoredox Catalysis.

OC12. Fabio Juliá. Ferrioxalate Photocatalysis.

OC13. Giulio Goti. Radical Approaches to Saturated Analogues of Aryl C-Glycosides.

OC14. Aniket Kumar Srivastawa. Mechanophotochemistry: Lighting up EDA complexes in the Solid-State.

OC15. Jorge García-Lacuna. Diastereoselective Radical hydroalkylations of cyclopropenes enabled by EDA complexes.

OC16. Ian MacKenzie. Predictive Control over Photocatalytic Properties in Improved Pyrylium Photocatalysts.

OC17. Giuseppe Zuccarello. Enantioselective Hydrogen Atom Relay via Non-covalent Catalyst Assembly.

OC18. Hugo Salazar. Atomic-level engineering of carbon nitride via heteroatom doping for solar-driven hydrogen peroxide production.

POSTER PRESENTATIONS

P1: Photochemical valorization of lignin

Leandro Cid Gomes, Alexander Riddell, Hafsa Mohammad Khalid, Diana Bernin.

P2: Scalable Solar Evaporator Based on Bandgap Engineered CuMnCrO₄ Spinel Oxide with Salt-Resistant Property for Contaminated Seawater

Rana Muhammad Irfan

P3: Multimeric Norbornadiene/Quadricyclane Photoswitches as Potential Candidates for Molecular Solar Thermal Application

Christian Traut, Andreas Hirsch

P4: Harnessing Photocatalytic HAT Chemistry for Lignin Depolymerization and Diversification

Xavier Marset, Elio Rico, Javier Fernández-Catalá, Néstor Guijarro.

P5: Ru(II)-Catalyzed Regioselective (3+2)-Annulation of Anilines with Allenyl Carbinol Acetates to Access 2-Vinylindoles

Om Prakash Dash (1)

P6: Ionic Microenvironment Engineering of Carbon Nitrides Enables Proton-Coupled Oxygen Reduction to Hydrogen Peroxide

Luis Fernando Guimarães Noletto, Ivo Freitas Teixeira, Christian Mark Pelicano.

P7: Supramolecular Light-switchable Triazole Hosts for Photoadaptive Anion Binding

Yannik Steinberg, Alisa Kondrateva, Monika Schönhoff, Olga Garcia Mancheño.

P8: Merging Deep Eutectic Solvents and FeCl₃ LMCT Photochemistry for Sustainable Decarboxylative Giese Type Couplings

Alejandro Cores, Diego J. Ramón, Xavier Marset, Gabriela Guillena

P9: Towards photoactive Cu(I) coordination compounds for light-driven applications

Ragavan Rajendran

P10: Photophysics of TADF push-pull naphthalimide derivates for advanced bioimaging and optoelectronics

Virginia Trotti, Pietro Mancini, Rajneesh Misra, Benedetta Carlotti

P11: Advanced Oxide Ceramic Nanofibers: From Needleless Electrospinning to Photocatalytic Environmental Remediation

Iván Shepa, Erika Múdra, Kateryna Nemesh, Alexandra Kovalčíková, Veronika Kuchárová, Richard Smolko, Maksym Lisnichuk, František Kromka, Saeed Sajjadi, Suriyakanta Rana, Michal Žitňan, Marzieh Ghadamyari, José Velázquez, Dušan Galusek

P12: Simplicity by design. Sustainable late-stage functionalization of peptides, amino-acids and alcohols through the Zimmerman-O'Connell-Griffin (ZOG) reaction

Sara Bacaicoa, Yanira Pérez-Almarcha, Mario Martos, Wilma Y. Graf, Ganesh H. Shinde, August Runemark, Henrik Sundén

P14: Direct Photocatalytic Synthesis of 1,3,4-Oxa(thia)diazoles from aldehydes and (thio)hydrazides

Nuria Soler-Segura, Beatriz Quevedo-Flores, Jose C. Gonzalez-Gomez, Irene Bosque

P15: Atypical SN1 Reactions at Carbon Enabled by σ -Bond Quantum Poling

Markus Seidl, Alexander Breder

P16: Net heterolysis of homopolar and symmetric σ -bonds via thermophotonically controlled internal poling

Alexander Breder, Anna Tiefel, Georg Zunhammer

P17: Modelling of hemithioindigo-based photoswitches across scales

Elias Harrer, Carolin Müller, Dirk Zah.

P18: From sequence to mechanism in light-activated proteins through structure-based discovery and photostate-aware classical molecular dynamics

Pedro Ribeiro Faria, Douglas Lopes Borges, Arthur Wakim Enrici, Douglas Weber, Eduardo Crespi Souza Rocha, Awana da Silva Lima, Leticia M. Zanphorlin Murakami, Célio Cabral Oliveira

P19: Stereodynamism in Pentacoordinate Al(Salen) (Photo)Catalysts

Emanuel Stude, Walter R. Linke, Mia A. Müller, Constantin G. Daniliuc, Michael Ryan Hansen, Johannes Neugebauer, Ryan Gilmour

P20: Advanced Spectroscopic Insights into an Unconventional Cu(II)/Cu(III)-Driven ATRA Pathway for Chlorosulfonylation of Alkenes

Max Schadenfroth, Isabell Reinberger, Patrick Nuernberger, Oliver Reiser

P21: Activated Glassy Carbon Electrodes for Electrochemical Heteroarylation and Amidation of Alkanes without mediators

Loris Laze, Jose C. Gonzalez-Gomez, Irene Bosque

P22: Dual Ir/Lewis base Mechanophotoredox catalysis: Solvent-free Air-tolerant Giese-type Addition of Boronic esters onto Electron-Deficient Olefins

Suraksha Rajan, Eli Zysman-Colman

P23: Sulfoxonium Ylides as Versatile Platforms for Photocatalytic and Electrochemical C–C Bond Formation.

Juan Salvador Dato Santiago, Arsala Kamal, Olga García Mancheño

P24: Selective Excitation of an Electrochemically Generated Acridine Radical Cation Enables Oxidative C–N Bond Formation

Stefano Visentini, Luca Dell'Amico, Sara Bonacchi, Elena Bassan, Oliver Wenger

P25: Recyclable IPN Photocatalysts Supported by Polymer Matrices: From Soluble Copolymers to Core-Polymer Brush Shell Nanostructures

Elena Avanzini, Alessio Lobocchiaro, Agata Checcozzo, Luis Izquierdo Aranda (1), Eric Ruzicka, Jorge Humbrías Martín, Gianluca Gazzola, Francesca Lorandi, Luca Dell'Amico, Edmondo Maria Benetti

P26: Engineering floatable Janus CNF–silane aerogels decorated with metal-doped ZnO nanoparticles for solar-driven water treatment

Andreea Laura Scutaru, Gabriela Biliuta, Raluca Baron, Viorica Podasca, Violeta Melinte, Madalina Elena Bistriceanu, Coseri Sergiu

P27: Enantioselective Organocatalytic Synthesis of Cyanocoumarins Derivatives

Francisca Medina-Medina, José Trujillo-Sierra, Raquel Hidalgo-León, José Miguel Sansano, Ana Sirvent, María de Gracia Retamosa

P28: From Hybrid C₃N₄/WS₂ Heterostructures to Reusable PVDF-HFP Composites: Synergistic Sonophotocatalytic Degradation of Trimethoprim

Dominika Czekanowska, Hugo Salazar, Jorge Saiz, Anatolijs Sarakovskis, Senentxu Lanceros-Méndez, Andrei Kholkin, Paweł Głuchowski

P29: Alkyne-Assisted Stereospecific Skeletal Rearrangement via Non-Classical Carbocations

Rajan Kumar Kharwar

P30: Aliphatic amines unlocked as efficient carbocation precursors

Barbara Fabjanowicz, Jakub Durka, Dorota Gryko

P31: Expanding Light-Driven Multi-Enzyme Cascades with Novel Fatty Acid Photodecarboxylases

Eduardo Rocha, Leticia Zanphorlin, Robert Kourist

P32: Catalytic enantioselective [2 + 2] photocycloadditions for the dearomatization of heterocycles

Vasco Corti, Gianluca Simionato, Lorenzo Rizzo, Stefano A. Serapian, Giorgio Pelosi, Mirco Natali, Luca Dell'Amico

P33: Unified Photochemical Approach to C(sp³) Chlorinated Compounds from Cyclopropanes, Olefins, and C–H Bonds Using Willgerodt-Type Reagents

Tin Vu-Trung Nguyen

P34: Selective C-H Bond Activation via Acridine Photocatalysis

Jose C. Gonzalez-Gomez, Irene Bosque, Loris Laze, Beatriz Quevedo-Flores, Mario Martínez

P35: Exclusively Light-Induced Bidirectional Photoswitching of Norbornadiene using Perylene diimide as Photocatalyst

Simone Pintér, Andreas Hirsch

P36: Photocatalytic radical cyclization of fluorinated sulfoximines for the synthesis of seven-membered heterocycles

Simone Baldon, Julien Paut, Elsa Anselmi, Emmanuel Magnier, Luca Dell'Amico

P37: Visible-Light-Initiated, Nickel-Catalyzed Aminocarbonylation of Alkynyl Iodides to 2-Ynamides

Michael Weiser, Alexander Frischauf, Berthold Stöger, Ertan Turhan, Dennis Kurzbach, Katharina, Bica-Schröder

P38: Functionalization of Methane and Other Gaseous Alkanes under Visible Blue Light

Jose Manuel Malga Diaz, Nicolás Martínez Aceved, Martín Fañanás Mastral

P39: Photocatalysis with Modified Quinones Aided by Machine Learning

Juho Savola

P40: B/O Doped MR-TADF Photocatalysts for Photoinduced Electron and Energy Transfer Reactions

Valerio Cerrato, Lea Hämmerling, Marco Villa, Paola Ceroni, Eli Zysman-Colman

P41: Sustainable Triple-Network Eutectogels for Photocatalytic Soft Materials

Sergiu Coseri, Catalin Chersan, Raluca Baron, Gabriela Biliuta

P42: Photocatalytic Iminoxyl Radical Generation from β,γ -Unsaturated Oximes for Isoxazoline Formation and Styrene Functionalization

Stefan Kellnberger

P43: Trifluoromethylative bifunctionnalisation of alkenes via Copper LMCT

Quentin Ordan, Francisco Julia-Hernandez

P44: Photoredox Dearomative [3+2] Cyclisation of Electron-Deficient Indoles with N-Cyclopropylarylamines

Anastasia Katsatou, Volker Derdau, José Alemán, Jose A. Fernández-Salas

P45: From aldehydes to pyridazines in flow: a modular photocatalytic approach to privileged heterocycles

Amy Nicole Corridori, Filippo Sacchelli, Luca Capaldo

P46: Red-shifted photoredox carbon-carbon bond-forming reactions in biorelevant media

David Montoto, Uxía Deus-Lorenzo, María Tomás-Gamasa, José Luis Mascareñas, Mauro Mato

P47: Post-Synthetic Modification of Cu-, Ca-, and Zr-Based MOFs for Enhanced Photocatalytic Activity

Yanira Pérez Almarcha, Alberto Mijangos Ochoa, Anna Nacher Luis, Xavier Marset, Irene Bosque, Isidro M. Pastor

P48: Chiral diarylmethanes via an asymmetric Tsuji-Wacker oxidation

Eduard Frank, Sooyoung Park, Elias Harrer, Jana-Larissa Flügel, Marcel Fischer, Julia Stoiber, Partick Nuernberger, Julia Rehbein, Alexander Breder

P49: Radical Deoxygenative Synthesis of Sulfonyl Fluorides via Photoredox Catalysis

Iñaki Fernández Yagüe, Álvaro Castilla Mocholí, Marc Montesinos Magraner, Carlos Vila, Gonzalo Blay Llinares

P50: Selenium photo- π -acid catalysis enables regio- and redox-orthogonal semipinacol rearrangements

Daniela Fritsch, Carina Allacher, Christian Walbrunn, Kilian Müller, Daniel Grenda, Tao Lei, Patrick Nuernberger, Julia Rehbein, Alexander Breder

P51: Visible Light-Induced Catalyst-Free Decarboxylative Povarov-Type Reaction of N-Aryl Glycines with Maleimides in Deep Eutectic Solvents

José Antonio Níguez Elena, Francisco José Sierra Molero, Luis Paredes Soler, Diego Antonio Alonso Velasco, Rafael José Chinchilla Cruz

P52: Chalcogen Bonding enabled, Visible Light Driven radical Diels-Alder cyclization

Robin Groeters, Augustinus Künzel, Jens Peternathe, Olga García Mancheño

P53: Streamlining Large Helicene Synthesis Through Modular Design: Theory Driven Mapping of Photochemical Pathways

Pawel Jaroslaw Bronk, Bianca Catalina Baci, Albert Guijarro

P54: Porphyrin SURMOF (Surface Coordinated Metal Organic Framework) for carbon dioxide photoreduction

Marta Grot

P55: Rewriting Copper Catalysis for Photocatalyzed ATRA reactions: Chlorosulfonylation of Alkenes through a Cu(II)/Cu(III) Pathway

Isabell Reinberger, Max Schadenfro, Patrick Nürnberger, Oliver Reiser

P56: Unique Reactivity of Copper Complexes in Photoredox-Catalyzed SO₂ fixation

Nejc Petek, Till Opatz

P57: Photocatalyzed Polarity-Reversed Corey–Chaykovsky Cyclopropanation via Radical-polar Crossover

Arsala Kamal, Juan S. Dato-Santiago, Vittoria Martini, Olga García Mancheño

P58: Ketone-alkene radical cross coupling through ferrioxalate photocatalysis

Dalila Arnaldi, Niccolò Intini, Fabio Juliá Hernandez, Partha Pratim Sen, Sergio Adalid, Kristýna Kellovská

P59: Photoinduced Carboxylation of (Hetero)aryl Halides

Kristýna Kellovská, Fabio Juliá

P60: Direct Photodecarboxylative Borylation

Paula Visiedo Jiménez, Sarah Jayne Burlingham, Quentin Émile Léon Ordan, Francisco Juliá Hernández

P61: Suzuki-type reaction via Ferrioxalate Photocatalysis

Niccolò Intini, Carlos Bernabeu, Fabio Juliá

P62: Bicyclic Pyrazoles as Versatile Platforms for Photocatalyst-Free Light-Driven Skeletal Diversification

Ines Babnik, Nejc Petek, Jurij Svete, Uroš Grošelj, Bogdan Štefane

P63: Visible-Light-Driven Benzylolation of In Situ-Formed Imines Using Toluenes and Acridine Photocatalysis

Mario Martínez-López, Beatriz Quevedo-Flores, Loris Laze, Manuel A Ortuño, Irene Bosque, José Carlos González

P64: Acridinium Amidates as Versatile N-centered Direct Hydrogen Atom Transfer Catalysts

Neele Gause, Lukas-Maximilian Entgelmeier, Soichiro Mori, Olga García Mancheño, Kohsuke Ohmatsu, Takashi Ooi

P65: Photoredox Catalytic Synthesis of Quinolines and Indoles with Phenanthrenequinone Derivatives

Juulia Talvitie, Juho Helaja

P66: Visible-Light-Driven Oxidative Coupling of Benzylamine Under O₂ and CO₂ Atmosphere Using a Single Ru–BODIPY Conjugated Dyad

Supriya Das, Chhanda Mondal, Sanjib K. Patra

P67: Flow Chemistry Approach to Pyrazole Synthesis via 1,3-Dipolar Cycloaddition

Beatriz Quevedo Flores, Jorge García Lacuna, Angel Martínez Garzón, Marcus Baumann

P68: Hydroquinone/Quinone Cycle for Reductive Photocatalytic Transformations

Iida Alanko, Juho Helaja

P69: Diastereoselective synthesis of Photochemically Generated Hydroxy-o-Quinodimethanes via [4+2] cycloaddition

María González Marcos, José Trujillo-Sierra, María de Gracia Retamosa-Hernández, Nerea Sanchez-Montesinos, Francisco Foubelo, José Miguel Sansano Gil, Ana Sirvent Verdú

P70: Visible-Light-Driven Perylenemonoimide Mediated Photooxidation of Alcohols toward Synthesis of Bis(indolyl)methanes

Premnath Das, Moromi Nath, Priyanath Das, Sabyashachi Mishra, Sanjib K. Patra

P71: A heterogeneous photocatalytic strategy for the aerobic conjugate addition of pyrrolidines to electron-deficient olefins

Paula Romero-Navarro, Francisco Alonso

P72: Diastereoselective [4 + 2] Cycloadditions of Photogenerated o-Quinodimethanes with Olefinic Oxindoles

José Trujillo Sierra, María González-Marcos, Enara Esteban-Hidalgo, Ana Sirvent, María de Gracia Retamosa

P73: Harnessing Stored Molecular Energy for Intermolecular Activation

Vanshika Raheja, Aryaman Pattanaik, Mary Gaber, Julia Rehbein

P74: Visible-light cobalt(II)-catalysed synthesis of aroyl amides from arylazo sulfones

Komal Jaiswal

P75: Mono- and Bis-Phosphonylation of Aryl Chlorides via Helical Phenothiazine Organophotoredox Catalysis

Kenta Tanaka

P76: “On-water” Photosensitization Enables Redox-Neutral Acylation and Alkylation of Quinones

Rohan Sharma, Burkhard König

P77: Photocatalytic Oxide Ceramic Nanofibers Synthesized from Recycled Industrial Waste for Degradation of Organic Pollutants

Kateryna Nemesh, Erika Mudra, Ivan Shepa, Jana Piroskova, Alexandra Kovalčíková, Dávid Jáger, Maksym Lisnichuk, František Kromka, Saeed Sajjadi, Surjakanta Rana, Michal Žitňan, Marzieh Ghadamyari, José Joaquín Velázquez García, Dušan Galusek

P78: Hydroquinone Anion (HPQ⁻): The Key Active Species for Efficient Hydrodehalogenation of Aryl Halides

Andrés Mollar Cuni, Juho Helaj

P79: Visible Light-Mediated Synthesis of Perfluoroalkylated Heteroarenes

Yassine Benhamidat, Gianluca Montella, Rosaria Schettini, Ibrahim Khettar, Giorgio Della Sala, Leyre Marzo, José L. Alemán

P80: Regioselective Functionalization of Propane and *n*-Butane through Nickel-mediated Radical Locking

Hugo Jiménez-Cristóbal, Akshay M. Nair, Poulami Mukherjee, Adhya Suresh, Hanshika Arya, Ángel Rentería-Gómez, Osvaldo Gutierrez, Martín Fañanás-Mastral

P81: N-doped carbon quantum dots as sustainable photocatalysts for the degradation of organic dyes in aqueous media

Cristina Mellinas, María de la O Martínez, Alfonso Jiménez, María del Carmen Garrigós

P82: In Situ Single-Particle Studies of Distance-Dependent Energy Transfer and Singlet Oxygen Generation

Oleg Semenov

P83: Hybrid catalytic conversion of functionalized alkane building blocks into chiral amines

Sara Arteché Echeverría, Sébastien Roy, Vitaly Ordonsky, Egon Heuson

SOCIAL PROGRAM

Monday, 21st September 2026

Welcome reception at the Museum of the University of Alicante (MUA). It will take place from 18:30 to 20:00 h.

Tuesday, 22nd September 2026

Beach Volley tournament, at Playa de San Juan

- From San Vicente del Raspeig to Tournament place/beach:

MEETING POINT 18:00 · Bus stop opposite Lecture Hall II (Aulario II)

- From Tournament place/beach to San Vicente del Raspeig:

Bus will leave from Tournament place/beach around 20:30 h or when the tournament finishes.

Wednesday, 23rd September 2026

Visit to Alicante city.

- From San Vicente del Raspeig to Alicante city:

MEETING POINT 18:00 · Bus stop opposite Lecture Hall II (Aulario II)

Thursday, 24th September 2026

Conference Banquet at Meliá Hotel (Address: Plaza del Puerto 3, Alicante)

Participants who booked accommodation through the Photocat26 webpage:

- From San Vicente del Raspeig to Meliá Hotel:

MEETING POINT 20:00 · Hotel Universa (Avda. Vicente Savall Pascual, 33, San Vicente del Raspeig) & the roundabout near Micampus residence, in front of the main entrance of the university.

- From Meliá Hotel to San Vicente del Raspeig:

Bus will leave from Meliá Hotel at 00:30.

Participants who arranged their accommodation independently:

- Bus 24 (From Stop at C/Alicante 135, to Stop at Mercado) or Tram L2 (From Stop Universidad to Stop at Mercado) then, 10 min walk.

Friday, 25th September 2026

Suggested visit to the 'European Research Night 2026' situated at the University of Alicante, all around campus.

PLATINUM SPONSOR:



A Curaleaf International Company

GOLD SPONSOR:



Institute of
Science and
Technology
Austria

GOLD SPONSOR:



BRONZE SPONSORS:



UNIVERSITAT D'ALACANT
UNIVERSIDAD DE ALICANTE
Vicerectorat d'Investigació
Vicerrectorado de Investigación



AWARD SPONSORS:



Sección Territorial de Alicante



Thieme

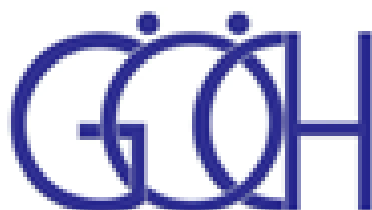


ACS Publications
Most Trusted. Most Cited. Most Read.



PalmSens

COLLABORATING ASSOCIATIONS



GESELLSCHAFT
DEUTSCHER CHEMIKER



	Mon 21	Tue 22	Wed 23	Thu 24	Fri 25
9:30		9:30-10:30 PL3 Olga Garcia Mancheño	9:30-10:30 PL6 Geraldine Masson	9:30-10:30 PL9 Marcos Suero	
10:00		10:30-11:30 OC 1-4	10:30-11:00 IL2 Johannes M. Wahl	10:30-11:30 OC 11-14	10:00-11:00 PL12 Luke D. Lavis
10:30			11:00-11:30 OC 7-8		11:00 -12:00 PL13 Corey Stephenson
11:00		11:30-12:00 Coffee Break	11:30-12:00 Coffee Break	11:30-12:00 Coffee Break	12:00 -12:30 Coffee Break
11:30		12:00-1:00 pm PL4 Grace Han	12:00-1:00 pm PL7 Mariola Tortosa	12:00-1:00 pm PL10 David Nicewicz	12:30-1 pm Sponsors
12:00		1:00-1:30 IL1 Leyre Marzo	1:00-1:30 IL3 Anastasios Polyzos	1:00-1:30 IL4 Marcio Weber Paixao	1 pm-1:30 pm Awards and final remarks
12:30		1:30 pm-3 pm Lunch	1:30 pm-3 pm Lunch	1:30 pm-3 pm Lunch	Suggested: visit ERN stands at UA
13:00					
13:30					
14:00	2-3:30 pm Registration				
14:30					
15:00	3:30-4 pm Op. Ceremony	3 pm-4 pm PL5 Alexander Breder	3 pm-4 pm PL8 Ming Joo (MJ) Koh	3 pm-4 pm OC 15-18	
15:30					
16:00	4 pm - 5 pm PL1 Thorsten Bach	4 pm-4:30 pm OC 5-6 4:30 pm - 6 pm Coffee break + Poster session 1	4 pm-4:30 pm OC 9-10 4:30 pm - 6 pm Coffee break + Poster session 2	4:00 pm-5:00 pm PL11 Maria Luisa Marin	
16:30				4:45 - 5 pm Coffee Break	
17:00	5 pm -6 pm PL2 Henry Dube				
17:30					
18:00	6:30 pm - 8 pm Get-together cocktail				
18:30					
19:00					
19:30					
20:00					
20:30					
21:00					
21:30					
22:00					
				8:30 pm - 00:30 am Social dinner and party	