



**XVII International School
on Organometallic Chemistry
“Marcial Moreno Mañas”**

June 10th-12th, 2026 – Zaragoza, Spain

Aula Magna Facultad de Filosofía y Letras

Programme at a glance

	Wed. June 10	Thur. June 11	Frid. June 12
9:00 - 9:50		PL 2 John Hartwig (UC Berkeley)	PL 5 Oliver Wenger (U. Basel)
9:50 - 10:50		FP 8-17	FP 28-37
10:50 - 11:30		Coffee Break & Poster Session (odd numbers)	Coffee Break & Poster Session (even numbers)
11:30 - 12:20		PL 3 Tianning Diao (NYU)	PL 6 Nicolai Cramer (EPFL Lausanne)
12:20 - 12:50	Registration (Facultad de Filosofía y Letras)	OC 6-7	OC 13-14
12:50 - 13:20		FP 18-22	FP 38-41
13:30 - 15:00		Lunch (Facultad de Ciencias)	
15:00 - 15:30		Coffee Break & Poster Session (even numbers)	Coffee Break & Poster Session (odd numbers)
15:30 - 16:00	Opening ceremony		
16:00 - 16:15	PL 1 Rafael Usón Lecture Alicia Casitas (U. Marburg)	PL 4 Chemistry Europe Lecture Sjoerd Harder (FAU)	PL 7 Jennifer Schomaker (UW-Madison)
16:15 - 16:50	OC 1-3		
16:50 - 17:05			
17:05 - 17:35		OC 8-12	OC 15-19
17:35 - 18:20	FP 1-7		
18:20 - 18:50	OC 4-5	FP 23-27	Closing Ceremony
19:00 - 20:30	Welcome Cocktail		
21:00			School Dinner

PL: Plenary Lecture

OC: Oral Communications

FP: Flash Presentations

Daily Schedule

Wednesday June 10th

12:20 - 15:30 h **Registration** (Filosofía y Letras, Aula Magna's main entrance)

15:30 - 16:00 h **Opening ceremony**

16:00 - 16:50 h **Session 1.** Chair: Javier Cabeza

PL1 **Rafael Usón Lecture**

Alicia Casitas: *Exploring the chemical landscape of high-valent organoiron complexes*

16:50 - 17:35 h **Session 2.** Chair: Albert Granados

OC1 **A. Sirvent:** *Modulation of Task specific Ionic Liquids Based in Ciprofloxacin Structures with pH for the Selective Extraction of Rare Earth Metals, Thorium, Uranium, Titanium and Zinc*

OC2 **A. Carral-Menoyo:** *High-Valent-Cobalt Catalysis for the Synthesis of Heterocycles via Intramolecular C-C/C-N Bond Formation Cascade Reactions*

OC3 **A. Rey:** *Ir(I)-Catalyzed Enantioselective Hydrofunctionalizations of Allenes*

17:35 - 18:20 h **Session 3.** Chair: Carlos Alonso-Moreno

FP1 **M. Puente:** *Iridium-Catalyzed Enantioselective Hydroamination of Allenes: Direct Access to Chiral α -Tertiary Allylic Amines*

FP2 **J. Moradell:** *Data-Driven Synthesis of New Luminescent Probes*

FP3 **H. Corona:** *Modulating Small Molecules Activation Through Cooperative Iron-Lewis Acid Systems*

FP4 **J. Trujillo-Sierra:** *Organocatalytic Enantio- and Diastereoselective Synthesis of Dispirooxindole Derivatives with Adjacent Spirocyclic Centers via [4 + 2] Cycloadditions*

FP5 **I. Sevilla-Carrillo:** *Heteroscorpionate Derivative Ruthenium Complex Compound as a Potential Agent Against Gram-positive Clinical Strains*

FP6 **A. Pérez-Fernández:** *Air-Stability and Gold Complexes of (β -Diketiminato)germylenes*

FP7 **A. Escobar Peña:** *Chemoselective Mn-Catalyzed C-H Activation of Bifunctional Unsaturated Substrates for Tandem Polyheterocycle Formation*

18:20 - 18:50 h **Session 4.** Chair: Jesús Varela

OC4 **C. Pérez-Sánchez:** *Enantioselective Synthesis of 1,3-Bicyclo[2.1.1]hexanes as meta-Benzene Bioisosteres*

OC5 **M. Olgun Karatas:** *Rh(I)-NHC Catalyzed Alkenylation of Uracil Derivatives*

19:00 - 20:30 h **Welcome Cocktail** (Sala FILO)

Thursday June 11th

9:00 - 9:50 h **Session 5.** Chair: Macarena Poyatos

PL2 **John Hartwig:** *Selective, Catalytic Construction and Deconstruction of Organic Molecules*

9:50 - 10:50 h **Session 6.** Chair: Pablo García-Álvarez

FP8 **J. Roy:** *A Spectral Journey from Yellowish-green to Pure Blue with Phosphorescent Carbazole-Decorated NHC Pt(II) Complexes and their Application in PhOLEDs*

- FP9** I. Caro-Campos: *Gold or Silver?: The Unexpected Formation of an Octahedral Capped Ag(I)/Pt(0) Cluster*
- FP10** S. García Vega: *2-[(Dimethylamino)methyl]phenyl-Stabilized Heavier Tetrylenes: Syntheses, Coordination Chemistry and Air- and Moisture-Stability*
- FP11** M. Silva-Muñoz: *Naphthalenediimide-Functionalized N-Heterocyclic Ir(III) Carbene as a Switchable Photoredox Catalyst*
- FP12** M. J. Mariñelarena: *Ligand-Controlled Regioselectivity: Iridium-Catalyzed Ortho-Borylation of Arylamides Enabled by CF₃-Bipyridine Ligands*
- FP13** C. Ginés: *Sustainable Valorization of CO₂ Using Zn and Ca Guanidinato Catalysts*
- FP14** N. Salas: *Pt(II)-Catalyzed Hydrosilylation–Carboxylation of α,β -Unsaturated Enamides with Hydrosilanes and CO₂*
- FP15** M. Potocnik: *Synthesis and Characterization of Novel Cationic Bi(I) Complexes*
- FP16** N. Martínez-Acevedo: *Regioselective Functionalization of Gaseous Alkanes Under Blue Light Irradiation*
- FP17** M. López-Aguilar: *Catalytic CS₂ Insertion into Nitrones Enabled by Chloride Anion: Access to Secondary Thioamides*

10:50 - 11:30 h **Coffee Break & Poster Session** (odd numbers) (ATRIO)

11:30 - 12:20 h **Session 7.** Chair: José M. Lassaletta

PL3 Tianning Diao: *(ProPhos)Nickel-Catalyzed Suzuki-Miyaura Cross-Coupling*

12:20 - 12:50 h **Session 8.** Chair: Mónica Pérez Temprano

OC6 K. Ležaić: *Cooperative Bond Activation at Ni-olefin Pincer Complexes*

OC7 E. Travers: *Carbene and Supramolecular Organometallic Complexes Enabling a Bio-Inspired and Sustainable Catalysis*

12:50 - 13:20 h **Session 9.** Chair: Sonia Bajo

FP18 A. Moreno-Fernández: *Evaluation of Heteroscorpionate Gallium Complexes in the Synthesis of Biodegradable Polyesters via ROCOP*

FP19 S. García de la Puente: *Modulation of the Reactivity of Heterobimetallic Complexes for Small Molecules Activation and Catalytic Applications*

FP20 A. Otero-Mougán: *Electrophile-Dependent Chemo- and Regioselectivity in Cu/Pd-Catalyzed Allylboration of Enynes*

FP21 P. Iñigo: *Visible-Light-Driven Assembly of NHC-Based Ir(III) Complexes via Sequential C-H Activation and Ligand Dynamics*

FP22 I. Cuesta: *Rate Acceleration by Confinement in [Pd₆L₄]₁₂⁺ Metallocages*

13:30 - 15:00 h **Lunch** (Facultad de Ciencias, cafeteria, basement)

15:00 - 16:15 h **Coffee Break & Poster Session** (even numbers) (ATRIO)

16:15 - 17:05 h **Session 10.** Chair: Francisco Fernández-Alvarez

PL4 **Chemistry Europe Lecture**
Sjoerd Harder: *Adventures in Mg⁰ Chemistry*

17:05 - 18:20 h **Session 11.** Chair: Agustín Lara

OC8 D. González-Pinardo: *Heavier Benzene 1,4-Diides and 1,4-Dimetallabenzene: Interplay between Aromaticity, Diradical Character and Strain in Small Molecule Activation*

OC9 F. Della-Felice: *Asymmetric Gold(I) Catalysis in a Designer Metalloenzyme*

- OC10** **M. Balletti:** *Scaffold Hopping of Isoxazole Enabled by an Oxidative Rh-Catalyzed Single-Carbon Insertion*
- OC11** **J. L. Vázquez:** *Revisiting DNA-Based Diels–Alder Catalysis: Reaction Optimization toward Continuous-Flow Implementation and Catalyst Reusability*
- OC12** **M. Batuecas:** *Methylene-Linked Triazolylidenes as Cooperative Ligands in Manganese-Catalyzed N-Alkylation*

18:20 - 18:50 h **Session 12.** Chair: Nuria Rodríguez

- FP23** **L. Parada Pérez:** *Ruthenium Cumulenyl Intermediates for Bioorthogonal Catalysis*
- FP24** **F. Sangineto:** *NDI-Bridged Janus di-NHC Complexes as Light-Driven Redox Responsive Catalysts*
- FP25** **F. Medina-Medina:** *Enantioselective Organocatalytic Synthesis of Cyanocoumarins Derivatives*
- FP26** **D. San Martín:** *Three Component Direct Synthesis of 1,1-Diaryl Compounds via Synergistic Mn(I) Catalysis*
- FP27** **I. Nieto-Vargas:** *Temperature-Dependent Haptotropic Phenomena in Digold(I) Acetylides Complexes: the Influence of the Metallic Nature in σ,π and π,π Exchanges*

Friday June 12th

9:00 - 9:50 h **Session 13.** Chair: Salvador Conejero

- PL5** **Oliver Wenger:** *Lighting Up Organometallic Chemistry: Developing Photoactive Metal Complexes for Luminescence and Photocatalysis*

9:50 - 10:50 h **Session 14.** Chair: Carolina Gimbert

- FP28** **A. Pérez-García:** *A Versatile and Efficient Scorpionate Catalyst for the Production of Sustainable Materials*
- FP29** **C. Martínez-Ceberio:** *Electrochemical Semihydrogenation of Terminal Alkynes with Naphthyridine-Based Mononuclear Species Bearing Proton Shuttle Groups*
- FP30** **I. Tagarro:** *Exciplex-Mediated Photochemical Formation of C(sp²)-S Substituted Imidazoles Through a Multicomponent Reaction*
- FP31** **O. González-Rosell:** *Postfunctionalization of a Fluorinated Covalent Organic Framework via Nucleophilic Aromatic Substitution*
- FP32** **X. Sánchez-Iglesias:** *Gold-Promoted Cascade Reactions in Biological Media*
- FP33** **M. González-Marcos:** *Photochemically Generated Hydroxy-o-Quinodimethanes: Diastereoselective trapping through [4+2] Cycloaddition*
- FP34** **M. Gil-Moles:** *Red-Light-Activated Ru(II) Intracellular Photooxidation of NADH and GSH: A Strategy to Perturb Cancer Redox Homeostasis*
- FP35** **A. Martín Hoyas:** *Unveiling Haptotropic Rearrangements of C₅Me₄R Ligands in Tethered Rhenium(I) and Rhenium(III) Half-sandwich Complexes*
- FP36** **Y. Ji:** *Formation of C-C Bonds between Terminal Alkynes and Strained C(sp³) Sulfonium Salts under Visible Light*
- FP37** **J. Miranda-Pizarro:** *A Comprehensive Study of Unusual Dicoordinate Silver(I)-Phosphine Complexes of Ethylene, Acetylene, and Carbon Monoxide*

10:50 - 11:30 h **School Photo & Coffee Break & Poster Session** (even numbers)

11:30 - 12:20 h **Session 15.** Chair: Carlos Saá

PL6 **Nicolai Cramer:** *Efficiency in Catalyst Design for Asymmetric Catalysis: Rationality, Diversity, Predictability... Luck?*

12:20 - 12:50 h **Session 16.** Chair: Joaquín García-Álvarez

OC13 **F. León:** *Germynes in the Spotlight, Long Lived Photoexcited Germynes Properties and Reactivity*

OC14 **S. Alberca:** *Red-Light-Mediated C(sp²)-H Sulfonation of Anilines Catalyzed by a Recyclable Benzothiadiazole-Based COF*

12:50 - 13:20 h **Session 17.** Chair: Amor Rodríguez

FP38 **M. Romero-Ribas:** *Hidden Pathways in Cp*Co-Catalyzed Nucleophilic Couplings*

FP39 **G. Moris-Menéndez:** *Solvent-Controlled Chemoselectivity in Brønsted Acidic DESs: Concurrent Meyer-Schuster and C-P Bond Formation*

FP40 **M. A. Martín-Neri:** *Solvent-Driven Redox Switching at a Dicopper Complex and its impact in Oxygen Reduction*

FP41 **B. Español-Sánchez:** *Ligand Fine-Tuning in Rh-BHetA-NHC Complexes for Efficient gem-Specific Alkyne Dimerization via LAPS Mechanism*

13:30 - 15:00 h **Lunch** (Facultad de Ciencias, cafeteria, basement)

15:00 - 16:15 h **Coffee Break & Poster Session** (odd numbers)

16:15-17:05 h **Session 18.** Chair: Miguel A. Sierra

PL7 **Jennifer Schomaker:** *Taming Nitrene Reactivity using Silver Catalysis*

17:05 - 18:20 h **Session 19.** Chair: José Miguel Sansano

OC15 **J. Naranjo:** *Catalytic Cleavage of Propargylic Alcohols: a New Route to Acetylene*

OC16 **D. Dalmau:** *Machine Learning Workflows to Predict Luminiscent Organometallic Complexes*

OC17 **X. Liu:** *Unified Synthesis of Alkylbismuth Reagents with Broad Utility*

OC18 **M. Vera Tuset:** *A Regiodivergent Approach to Benzocyclobutenes and Indenes*

OC19 **J. Szyling:** *Functionalization of 1,3-Diynes via Hydroelementation*

18:30 h **Closing Ceremony**

21:00 h **School Dinner** (Aura Restaurante)