

2023 Barluenga Conference

Lectureship & Symposium, Oviedo, November 9-10, 2023



The “Barluenga Lectureship” is awarded yearly to an exceptional scientist whose work has significantly impacted some area of Chemistry. The recipient of this award delivers a lecture and receives a commemorative medal in an event organized by the University of Oviedo. An additional lecture, in honor and memory of Professor Kilian Muñiz, in recognition of his contribution to the development of the Barluenga Lectureship is imparted by a distinguish researcher. Other invited lectures are presented by renowned scientists in a symposium organized for the occasion. During the event, the recipient of the GQOR-Barluenga Medal receives the award and delivers a talk.

8th Barluenga Lectureship (2023)

Prof. Dr. Alois Fürstner

Max-Planck-Institut für Kohlenforschung (Germany)

Kilian Muñiz Lecture (2023)

Prof. Dr. Martin Oestreich

Technische Universität (Berlin, Germany)

Recipient of the GEQOR-José Barluenga-Medal 2023

Prof. Félix Freire

Universidad de Santiago de Compostela (Spain)

All Ceremonies and Lectures will be held in

Aula Magna de la Escuela Universitaria de Odontología

Facultad de Medicina y Ciencias de la Salud, Campus del Cristo (Universidad de Oviedo)

November 9, 2023 (Thursday)

Symposium

09:00 Opening Ceremony

1st Morning Session Chairperson: Miquel Pericàs

9:15-10:00 Martin Oestreich, Technische Universität Berlin (Germany)

Kilian Muñiz Lecturer

The Cation Shuffle

10:00-10:45 Ana Carmen Albéniz, Universidad de Valladolid (Spain)

Palladium Catalyzed C-H Functionalization of Arenes with Cooperating Pyridone Ligands

10:45-11:15 Short Oral Communications

- O1: Javier F. Reynes, Universidad de Oviedo (Spain)
- O2: Jesús Rodríguez, ICIQ-Tarragona (Spain)

11:15-11:45 Coffee break

2nd Morning Session Chairperson: Javier A. Cabeza

11:45-12:30: Josep Cornella, Max-Planck-Institut für Kohlenforschung (Germany)

Tales on Bismuth Redox Catalysis

12:30-13:15: Short Oral Communications

- O3: Jesús Sanjosé-Orduna, University of Amsterdam (The Netherlands)
- O4: Laura F. Peña, Universidad de Valladolid (Spain)
- O5: Gala Ogalla, ICIQ-Tarragona (Spain)

13:15-15:30: Lunch

Afternoon Session in Honor of Professor Gregorio Asensio

Chairperson: Jesús Jiménez Barbero

15:30-16:15 Pedro J. Pérez, Universidad de Huelva (Spain)

Methane Functionalization in Supercritical Carbon Dioxide (y que la naturaleza se exprese)

16:15-16:45 Ana Gimeno, CICbioGUNE (Spain)

NMR Investigations of Carbohydrate-Lectin Interactions

16:45-17:15 Andrea Olmos, Universidad de Valencia (Spain)

Boosting the Catalytic Power of Cobalt on [2+2+2]-Cyclizations

17:15-17:45 Coffee break

Evening Session **Chairperson: Imma Escofet**

17:45-18:30 Short Oral Communications

- **O6: Carlos Díez-Poza**, *Universidad de Alcalá (Spain)*
- **O7: Jorge González-Rodríguez**, *Universidad de Oviedo (Spain)*
- **O8: Josep Esteve-Guasch**, *ICIQ-Tarragona (Spain)*

18:30-18:45 Barluenga 2023 GEQOR medal ceremony

18:45-19:30 Félix Freire, *Universidad de Santiago de Compostela (Spain)*

Recipient of the GEQOR-José Barluenga-Medal 2023

Dynamic Helical Polymers: Structure, Helix Induction Mechanisms and Stimuli Responsiveness

November 10, 2023 (Friday)

Morning Session **Chairperson: Mariola Tortosa**

09:15-10:00 Mónica H. Pérez-Temprano, *ICIQ (Tarragona, Spain)*

Deciphering Mechanisms to Design Better Organic Reactions

10:00-10:45 Aitziber L. Cortajarena, *CIC biomaGUNE (Bilbao, Spain)*

Engineering Protein-Nanomaterial Composites and Biomaterials: Tunable Tools for Biomedicine and Technology

10:45-11:15 Coffee break

8th Barluenga Lecture

11:30-13:15 Ceremony and Lecture

Laudatio **Prof. Rubén Martín**

Prof. Dr. Alois Fürstner, *Max-Planck-Institut für Kohlenforschung (Germany)*

Tinkering with Metal-Carbene Chemistry

Previous Barluenga Lectureship Award Recipients

2014: **Manfred T. Reetz**, *Philipps-Universität Marburg (Germany)*

2015: **K. Peter C. Vollhardt**, *University of California, Berkeley (USA)*

2016: **François Diederich**, *ETH Zürich (Switzerland)*

2017: **Ben L. Feringa**, *University of Groningen (The Netherlands)*

2018: **Hisashi Yamamoto**, *Chubu University (Japan)*

2019: **Erick M. Carreira**, *ETH Zurich (Switzerland)*

2022: **Peter H. Seeberger**, *Max-Planck Institute for Colloids and Surfaces (Germany)*

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Departamento de Química Orgánica e Inorgánica

Instituto Universitario de Química Organometálica Enrique Moles

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