

## What's hot in Chemistry

**Thursday, 10 Nov**

**Where:** [ICIQ, Institute of Chemical Research of Catalonia](#)

8:30-9:00: **Accreditation**

9:00- 9:15: **Welcome**

Carmen Claver, Prof. Dr. in Inorganic Chemistry at the Universitat Rovira i Virgili, Scientific Director CTQC, Forum CEICS-Chemistry and Energy coordination.

9:15 – 10:45: **“Frontier Research in Chemistry and Energy (I)”**

**Chair:** Sergio Castellón, Responsible of the Stereoselective Organic Synthesis and Carbohydrate chemistry group at the Rovira I Virgili University.

**“Catalytic Decomposition of Methane as a route to produce Hydrogen and Advanced Carbon Materials for Energy applications “**

Rafael Moliner, Coordinator of the Chemical Science and Technology Area of CSIC (Spanish National Research Council).

**“New photocatysts for hydrogen generation from water”**

Hermenegildo García, Member of ITQ Valencia (Chemical Technology Institute of Valencia).

10:45-11:15: **Coffee break**

11:15-13:45: **“Frontier Research in Chemistry and Energy (II)”**

**Chair:** Joan Salvadó, Head of Bioenery and Biofuels and Group Leader of Feedstocks, IREC.

**“Challenges and opportunities for sustainable energy scenario: the key role of research and development in chemistry”**

Lourdes Vega , Research and Development Director of Carbueros Metálicos, Air Products Group, Director of MATGAS.

**“Social dimensions in the technologies of capture and storage of CO<sub>2</sub>, hydrogen and microalgae”**

Anna Prades (CIEMAT-CISOT)

Christian Oltra (CIEMAT-CISOT)

13:45-15:00: **Lunch**

15:00- 16:15: **“Future trends and priorities in Chemistry Frontier research and Innovation (and its Energy connection)”**

-What’s next in chemistry R&D&I (and its connection with Energy)?

-How does R&D&I Chemistry (and its energy connection) fit in European research and innovation agenda and priorities?

**Chair:** Miquel Pericàs, Director ICIQ

**“Chemistry in the EU Research and Innovation Agenda”**

Luis Oro, Professor of Inorganic Chemistry at the University of Zaragoza and director of the University Institute of Homogeneous Catalysis.

Carles Estévez, Scientific Director of IUCT (Science and Technology for Chemical and Pharmaceutical Industries)

Felip Vidiella, Dow R&D Director for Europe/MEAF Plastics.

Reinhard Schomäcker, Director BIG-NSE (Berlin International Graduate School of Natural Sciences and Engineering).

Joan Salvadó, Head of Bioenergy and Biofuels and Group Leader of Feedstocks, IREC.