

# FINAL CONFERENCE

## *From Sunlight to Molecules*

CO<sub>2</sub>NDOR

## AGENDA

Institute for Organic Synthesis and Photoreactivity (ISOF)



CNR - Area della Ricerca di Bologna  
Via Gobetti 101, 40129 Bologna, ITALY



DATE: 14 OCTOBER 2024



TIME: 14:00 - 17:30

- 14:00 – 14:30** Welcome and meeting opening  
Keynote speech "From sunlight to molecules: the big picture"  
Nicola Armaroli, Institute for Organic Synthesis and Photoreactivity
- 14:30 – 14:50** **CONDOR: COMbined suN-Driven Oxidation and CO<sub>2</sub> Reduction for renewable energy storage**  
Paola Ceroni, Alma Mater Studiorum, University of Bologna  
Anastasia Grozdanova, AMIRES
- 14:50 – 15:20** **Hybrid photocathode with backside illumination: a new paradigm for solar fuel production**  
Marc Robert, Sorbonne University
- 15:20 – 15:40** **Molecular anodes for solar fuels devices**  
Antoni Llobet, Institute of Chemical Research of Catalonia - ICIQ
- 15:40 – 16:00** Coffee break
- 16:00 – 16:20** **Structural characterization of semiconductors and catalysts in CONDOR photoanodes, including operando techniques**  
Luca Pasquini, Alma Mater Studiorum, University of Bologna
- 16:20 – 16:40** **Ultrafast dynamics in CONDOR photoanodes**  
Barbara Ventura, Institute for Organic Synthesis and Photoreactivity
- 16:40 – 17:00** **Photoelectric materials for artificial synthesis**  
Stefano Caramori, University of Ferrara
- 17:00 – 17:30** **Hybrid photoelectrodes for Solar Fuel Production**  
Gerald Meyer, University of North Carolina at Chapel Hill
- 17:30** Wrap Up and closing remarks



DATE: 15 OCTOBER 2024



TIME: 09:30 - 12:30

- 09:30 – 09:40** Welcome and meeting opening
- 09:40 – 10:10** **Carbon-based hierarchical nanostructures for electrocatalysis**  
Francesco Paolucci, Alma Mater Studiorum – University of Bologna and Center for Chemical Catalysis – "C3"
- 10:10 – 10:30** **Design and operational challenges of large-scale PEC systems**  
Laurent Baraton, ENGIE CRIGEN
- 10:30 – 11:00** **Integrating a discontinuous supply into a continuous process (CONDOR system)**  
Hans ten Dam, HYGEAR
- 11:00 – 11:20** Coffee break
- 11:20 – 11:30** Wrap Up and closing remarks
- 11:30 – 12:30** Behind the Scenes: CNR lab tour



National Research Council of Italy



Università  
degli Studi  
di Ferrara



THE UNIVERSITY  
of NORTH CAROLINA  
at CHAPEL HILL

