

IV

Edition of Recent Advances in Materials and Sustainability for the Future (RAMS)

16/04/2026



Salón de Actos
ESTCE



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SCHEDULE

09:30 – 09:45	Welcome
09:45 – 10:00	Marvin Linus Richter <i>“CO₂ valorization via transition metal catalysts featuring bis-carbene ligands”</i>
10:00 – 10:15	Vitória Gonçalves Santos <i>“Strategies of CO₂ capture and conversion”</i>
10:15 – 10:30	Lidón Arroyas <i>“Molybdenum Sulfide-Based Nanostructures for photocatalytic Hydrogen Evolution”</i>
10:30 – 10:45	Joan Miranda <i>“Electrochemical valorization of 5-Hydroxymethylfurfural: sustainable and scalable production of value-added chemicals”</i>
10:45 – 11:00	David Franco <i>“Application of a Conductive Organic Polymer in Organic Electrochemical Transistors and Neuromorphic Computing”</i>
11:00 – 12:00	Coffee break + Poster session
12:15 – 12:30	Christian Robles <i>“Interface engineering of spray-pyrolyzed BiVO₄ photoanodes for enhanced water oxidation”</i>
12:30 – 12:45	Olfa Selmi <i>“Semi-transparent solar cells based on mixed halide I-Br lead and lead-free Perovskites”</i>
12:45 – 13:00	Lorenzo Esteve <i>“Supramolecular peptide assemblies for stereoselective aldol catalysis”</i>
13:00 – 13:15	Karthik Bhat Saipangallu <i>“Light-responsive ‘compound’ Coacervates”</i>
13:15 – 13:30	Closing Remarks (Awards)