



## PROGRAMACIÓN DE LAS JORNADAS

### Miércoles, 11 de febrero

**Lugar:** Sala de reuniones (UB1208SR), Espatec.

9:00 -11:00	Reunión de Coordinación del Proyecto
11:00-11:30	Pausa Café
11:30-13:30	Reunión de Transferencia con <i>BeAble Capital</i>
13:30-15:00	Comida

### Jueves, 12 de febrero

**Lugar:** Aula TD2048AA, La Escuela Superior de Tecnología y Ciencias Experimentales (ESTCE)

9:00-9:30	<b>Presentación inicial de JIPQS</b>
9:30-10:00	<b>Mireia Mercé, S1</b> "Thiazolidine-Grafted Zeolite Imidazolate Frameworks: A Cysteine-Derived Route to Improved Metal Loading and Tune the CO <sub>2</sub> Hydrogenation Efficiency"
10:00-10:30	<b>Agata Karkosik, S2</b> "Redox Performance of Green-Synthesized Mixed-Metal Azolates"
10:30-11:00	<b>Raúl Porcar, S3</b> "Sílice funcionalizada con líquidos iónicos como materiales híbridos sostenibles para aplicaciones catalíticas y de captura de CO <sub>2</sub> "
11:00-11:30	Pausa Café
11:30-12:00	<b>Francisco Javier Ruiz, S4</b> "Design of a Multienzymatic System for the Synthesis of Formic Acid Esters from CO <sub>2</sub> "
12:00-12:30	<b>Samira Akki, S5</b> "Pseudopeptidic ionic liquids as multifunctional platforms for biocatalysis and antibacterial applications"
12:30-13:00	<b>Maite Nuño, S7</b> "Comparative Evaluation of Deep Eutectic Solvents and Ionic Liquids for the Biocatalytic Synthesis of PanthenylHydrocaffeate"
13:00-15:00	Comida
15:00-15:30	<b>Serrano, S8 (on-line)</b> "Organometallic, NPs- and HEOs-based catalytic systems ready for service"
15:30-16:00	<b>Juan Chiva, S9</b> "Design of Zn Pseudopeptidic Macrocyclic Complexes for CO <sub>2</sub> Cycloaddition and Valorization"
16:00-16:30	<b>Fran Velasco, S10</b> "Despolimerización de espuma de poliuretano mediante líquidos iónicos y superbases"
16:30-17:00	<b>Marc Cuesta, S11</b> "Polímeros inteligentes derivados de tiolactona como plataformas multifuncionales para captura y valorización de CO <sub>2</sub> "

### Viernes, 13 de febrero

## II Jornadas de Intensificación de Procesos Químicos Sostenibles

Castellón, 11-13 de febrero de 2026



**Lugar:** Aula TD2043AA, La Escuela Superior de Tecnología y Ciencias Experimentales (ESTCE)

9:30-10:00	<b>Jairton Dupont, S12</b> <i>“Efficient Ionic-Liquid-Modified Semiconductor Interfaces for Artificial Photosynthesis”</i>
10:00-10:30	<b>Mattia Annatelli, S13</b> <i>“Integrated One-Pot Catalytic Process for Efficient FDCA Production within Synthetic Cells”</i>
10:30-11:00	<b>Sara Contreras, S14</b> <i>“Development of a new generation of biodegradable polymer with industrial applications”</i>
<b>11:00-11:30</b>	<b>Pausa Café</b>
11:30-12:00	<b>Gabriela Lauer, S15</b> <i>“Polymer-Metal-Organic Framework Composites as Antibacterial Materials”</i>
12:00-12:30	<b>Iván Muñoz, S16</b> <i>“An Integrated DES-Based Strategy for the Purification-Free Conversion of Fructose into FDCA”</i>
12:30-13:00	<b>Julián Sánchez, S17</b> <i>“A Sweet Flow: HMF Production and in-situ Valorization into Valuable Nitrile-containing Compounds via Telescopic Flow Chemistry”</i>
<b>13:00-15:00</b>	<b>Comida</b>

This meeting is part of the project PID2024-159264OB-C21 y PID2024-159264OB-C22 funded by MCIN/AEI/10.13039/501100011033. MICINN-FEDER-AEI 10.13039/501100011033 and by the European Union Next Generation EU-PRTR are acknowledged for the project PID2022-142897OA-I00. Generalitat Valenciana is acknowledged for the SEJIGENT project (CISEJI/2023/78).

