

# ICRERA 2025

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**Paper ID** : 190

**Paper Title** : Integration of cloud computing and real-time simulation systems for validating energy management solutions

### **Bio** :

Jaume Asensio received the dual B.Sc. degree in mechanical engineering and in industrial electronics and automatic control engineering and the M.Sc. degree in automatic systems and industrial electronics engineering from the Universitat Politècnica de Catalunya (UPC), Barcelona, Spain, in 2023 and 2025, respectively, where he is currently pursuing a Ph.D. degree in electrical energy systems.

Since 2025, he has been a Predoctoral Researcher Trainee at UPC. His research interests include photovoltaic systems (PV), data analytics, energy communities and smart grids.