

09:00 – 09:15	Registration. Entrance of CONFERENCE ROOM P0E1
09:15 – 09:30	Opening Session. CONFERENCE ROOM P0E1
09:30 – 11:00	Session 1. Novel Experimental Techniques & Sustainable thermal management solutions. CONFERENCE ROOM P0E1
09:30 – 10:00	Keynote Speaker – <i>Decoding Biomass: Infrared Spectroscopy as a Window to Component Interactions.</i> Dr. Juan Jesús Rico Fuentes Postdoctoral researcher at the Laboratory of Transport Processes, Technische Universität Dortmund (DE)
10:00 – 10:15	ID202 - ELPI+ analysis for particle charge characterization (speaker: Juan José García Fernández)
10:15 – 10:30	ID203 - A Kinetics-Based Methodology for Evaluating the Long-Term Thermal Stability of Phase Change Materials Using DSC (speaker: Eukene García Ocina)
10:30 – 10:45	ID201 - Potential of Hydrochar as a solid fuel: thermal and combustion studies (speaker: Amanda Franco Sardinha)
10:45 – 11:00	ID301 - How to prioritise the type and location of equitable and contextualised urban nature-based solutions? A systematic literature review (speaker: Cristina Villanueva Díaz)
11:00 – 13:15	Session 2. Advanced simulation tools. CONFERENCE ROOM P0E1
11:00 – 11:15	ID104 - Methodology for CFD simulation of PVTs with EG-PCM (speaker: Manuel García Fuente)
11:15 – 11:30	ID107 - A source-code modified Energy Plus model for supermarket refrigeration (speaker: Pablo Moreno Pestaña)
11:30 – 12:00	Coffee break. Hall of CONFERENCE ROOM P0E1
12:00 – 12:15	ID102 - Modelling and calibration of a radiant floor heating system using TRNSYS (speaker: Javier López Bértolo)
12:15 – 12:30	ID106 - Energy system retrofitting of the public housing building stock of the Basque Country (speaker: Mikel Garro Aguilar)
12:30 – 12:45	ID105 - Assessment of local energy transition pathways under the connected self-sufficiency paradigms (speaker: Irene Guerrero Diago)
12:45 – 13:00	ID103 - Development and CFD Investigation of a Real-Scale Modular Premixed Hydrogen Burner (speaker: David García Rodiño)
13:00 – 13:15	ID101 - Building blocks: A procedural modeling workflow for urban thermal analysis (speaker: Nayely Berenice Capetillo Ordaz)
13:15 – 15:00	Lunch (self-paid)
15:00 – 16:00	Closing Session. CONFERENCE ROOM P0E1
15:00 – 15:15	Awards
15:15 – 15:45	Keynote Speaker – <i>Evolutionary-based optimization of Sustainable Aviation Fuel blends to reduce contrails and pollutant emissions using data-driven surrogate models.</i> Dr. Ana Larrañaga Janeiro Postdoctoral scholar at the AI Institute in Dynamic Systems, University of Washington (USA)
15:45 – 16:00	Closing Conference