

Poster session I

September 11 | 11:30 – 12:30

Last revised: July 27, 2026

Field	Title	Corresponding Author	Company/Institution	Panel
B	Sustainable 3D Printing of Biomass-Based Biosensors with Tunable Electrical and Biological Properties	Laura MENDOZA CERREZO	Universidad de Extremadura	1.1
B	Ecodesign using marine seafloor waste from the Cantabrian Coast	Maidier ITURRONDOBEITIA	Euskal Herriko Unibertsitatea	1.2
B	Design and Development of a Musculoskeletal and Cardiovascular Rehabilitation Device for Hospital Environments	Ivan SOLA AREAN	Universidad de Zaragoza	2.1
B	Accessible light. How to design for people with autism spectrum disorder	Giusi CASTALDO	Università degli Studi della Campania Luigi Vanvitelli	2.2
B	Coupled Hydrodynamic and Structural Design Methodology for a Low-Cost Remotely Operated Vehicle	Gaizka ERKIZIA	Euskal Herriko Unibertsitatea	3.1
B	Analysis of Tool Wear Measurement in Turning Using 2D and 3D Methods	Marcos PUEO	Universidad de Zaragoza	3.2
B	Digital Eco-Design and Parametric Optimization of 3D Assets: A Hybrid Workflow for Sustainable Virtual Fashion Environments	María Elena ARCE FARIÑA	Universidade da Coruña	4.1
B	A multimodal AI-assisted methodology for the repair-oriented reconstruction and additive remanufacturing of plastic parts	Jorge Manuel MERCADO COLMENERO	Universidad de Jaén	4.2
B	When Senses Decide: Integrating Multisensory Evaluation into the Design Process	María ALONSO GARCÍA	Universidad de Málaga	5.1
B	Innovation in contract furniture: A University–Industry collaboration with Alutec on folding chair design	María ALONSO GARCÍA	Universidad de Málaga	5.2
B	Situated Concurrent Think-Aloud Evaluation of a Mobile App within a Youth Digital Mental Health Ecosystem	Teresa BLANCO	Universidad de Zaragoza	6.1
B	Human-Centered Additive Manufacturing of Personalized Assistive Devices for Individuals with Cerebral Palsy	Aitor TEJO OTERO	Euskal Herriko Unibertsitatea	6.2
B	Adaptive Support System for Reducing Resin Consumption in DLP 3D Printing Systems	Mireia ANDONEGUI	Euskal Herriko Unibertsitatea	7.1
B	Design of a laboratory membrane reactor bench for hydrogen production by reforming of biomass derivatives	José VALECILLOS	Euskal Herriko Unibertsitatea	7.2
B	Geometry-driven design and additive manufacturing of mycelium-based biocomposites for sustainable applications	Kizkitza GONZALEZ	Euskal Herriko Unibertsitatea	8.1
E	Horizontal extrusion bioprinting: state of the art and design of a novel system for tubular structure fabrication	Jesús Manuel RODRÍGUEZ REGO	Universidad de Extremadura	8.2
E	Pressure measuring device for shoulder loads during Holy Week processions	Óscar D. DE CÓZAR MACÍAS	Universidad de Málaga	9.1
E	Design for Healthy Urban Environments: Analysis and a Combined Empirical and Perceptual Methodology in Cartagena's Historic Squares	Maria del Mar MELGAREJO	Universidad Politécnica de Cartagena	9.2
E	Monte Carlo simulation of PHBV film disintegration in compost	Idoia SAN SEBASTIAN	Euskal Herriko Unibertsitatea	10.1
E	State of the Art of Non-Pneumatic Tyres (NPTs) Applied to the Front Caster Wheels of Wheelchairs for Improved Suspension Performance	Bernardo PAJARES	Universitat Politècnica de València	10.2
E	Multimodal Biomechanical Assessment of Untreated and Cross Linked Porcine Corneas for the Optimization of Keratoconus Therapies	Francisco CAVAS	Universidad Politécnica de Cartagena	11.1

Fields:

- A: Tools and Methodologies for Management of Spatial Data
- B: Sustainable Product and Process Design
- C: Graphical Engineering in Higher Education
- D: Digital Tools and AI for Design Purposes
- E: Miscellany