

WORKSHOP

ADVANCES IN JOINING PROCESSES AND MATERIALS

AGENDA

Thursday, 18th of December 2025, 12:00 - 14:00

Faculty of Engineering, Science Campus, B Building, Room B26

12:00	Opening event
12:00	Opening Remarks of Dean of Faculty of Engineering
12:05	Dean, Prof. dr. eng. habil. Nicușor BAROIU
12:05	Opening Remarks of Head of Manufacturing Engineering Department
12:10	Head of Manufacturing Engineering Department, Assoc. Prof. dr. eng. Florin SUSAC
12:10	Recent Advances in Adhesive Joining of Sustainable Materials
12:30	Assist. Prof. dr. eng. Mariana BANEĂ, Materials and Ceramic Engineering Dep., University of Aveiro
12:30	Innovative Method for Achieving Medium Entropy Alloys
12:50	Dr. eng. George SIMION, Prof. dr. eng. Elena SCUTELNICU
12:50	Process Parameters Optimization for High-Strength RFSSW Joints in Dissimilar Aluminium Alloys
13:10	Assoc. Prof. dr. eng. Dan BÎRSAN
13:10	AI Methods and Tools Applied in Welding Processes
13:30	Assoc. Prof. dr. eng. Carmen Catalina RUSU, Asist. Prof. dr. eng. Luigi Renato MISTODIE
13:30	Romanian Welding Society and Collaboration with Industry
13:50	Asist. Prof. dr. eng. Marius Corneliu GHEONEA, President of Romanian Welding Society – Galati branch
13:50	Collaborative Perspectives between Aveiro University and "Dunarea de Jos" University of Galati
14:00	Moderator: Prof. dr. eng. Elena SCUTELNICU
14:00	Closing remarks

Organizing Committee:

Prof. dr. eng. Elena SCUTELNICU, Department of Manufacturing Engineering, UDJG

Assoc. Prof. dr. eng. Carmen Cătălina RUSU, Department of Manufacturing Engineering, UDJG

Assoc. Prof. dr. eng. Dan BÎRSAN, Department of Manufacturing Engineering, UDJG

Assist. Prof. dr. eng. Luigi Renato MISTODIE, Department of Manufacturing Engineering, UDJG

Assist. Prof. dr. eng. Marius Corneliu GHEONEA, Department of Manufacturing Engineering, UDJG

Dr. eng. George SIMION, Department of Manufacturing Engineering, UDJG