



## Session description

Chairman name: Prof. Alexis Kermanidis

Affiliation: University of Thessaly, Greece

Title of the session: Microstructure and properties of aluminum alloys for advanced applications

Objectives: The topic will cover different scientific areas such as:

- Mechanical Behaviour of Aluminum Alloys
- Fatigue and fracture of Aluminum Alloys
- Manufacturing/Processing/Surface Treatments
- Novel Experimental Techniques
- Modelling of Damage in different Length Scales
- Aluminum Alloy welds
- Corrosion of Aluminum Alloys