

Escuela Técnica Superior de Ingeniería Aeronáutica y del Espacio
Oficina de Movilidad
UNIVERSIDAD POLITÉCNICA DE MADRID

MOVILIDAD INTERNACIONAL 2023-2024

PRESENTACIÓN - MSc THERMAL POWER & PROPULSION - Prof. PERICLES PILIDIS



**Decarbonising Civil Aviation
Protecting the Environment and Economic Growth
and Thermal Power & Propulsion MSc Opportunities**

The need to protect the environment is very urgent. Simultaneously, we must secure continuing economic growth. Great strides have been made to eradicate poverty. Although there has been great progress there is still a huge task that remains to be done. Thus, sustainability must bring concurrent advances in environmental and socioeconomic performance. This challenge can be met with targeted technology investments. The presentation will explain why electrification and hydrogen are very good choices for civil aviation. It will also encompass a description of replacing current aircraft in fully decarbonised scenarios and some wider implications. Participation of Thermal Power & Propulsion MSc projects will be mentioned.



Prof Pericles Pilidis - Director Thermal Power MSc, FRAeS, UK Representative ISABE
Cranfield University – Propulsion & Thermal Power - Presenting a team effort

DÍA: Lunes día 21 de noviembre de 2022

HORA: 14:30 h.

ZOOM: <https://upm.zoom.us/j/87974057297?pwd=NW80amUvam9nR29zakFqYkdvM1Rzdz09>

Meeting ID: 879 7405 7297

Passcode: 723402