H2020 - Marie Skłodowska-Curie Actions
Innovative Training Networks

Towards Effective Flow Control and Mitigation of Shock Effects in Aeronautical Applications

PhD positions

The aviation industry is entering an era of new technologies and requires high-performance wings, control surfaces, intakes and turbomachinery blades, where transonic flow is common and the formation of shock waves is the key aerodynamic challenge.

A total of 15 PhD positions are available at the institutions, within the framework of the H2020-MSCA-ITN European Training Network TEAMAero.

The researchers recruited in TEAMAero will investigate emerging technologies through laboratory experiments and numerical simulations. The research addresses aspects of shock wave boundary layer interaction and flow control.

The proposed multidisciplinary topics are scientifically challenging and of high technological and economical relevance, promising interesting career perspectives in academic and industrial environments.

Applications are to be made through the EURAXESS:
https://euraxess.ec.europa.eu/jobs/523367