

SGR 2021 PTG: SGR Propulsion Technologies Group

Description

The Propulsion Technologies Group is focused on the generation of advanced simulation software that conducts high-level research in energy conversion systems. The key activities of the group are focused on the development of emissions models for aeroengines, and hydrogen-based technologies for aircraft propulsion, including disruptive concepts based on dual-fuel and sustainable aviation fuels (SAF) as part of two EU projects (CS JU ESTiMatE, and H2020 CoEC) and two National projects (AHEAD, and ORION). The research activities are well-integrated in the international ecosystem of aircraft propulsion and power generation with collaborations from representative research centers and universities across Europe and the US and aeroengine manufacturers.

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

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