



UNIVERSITAT POLITÈCNICA
DE CATALUNYA

PROJECT DESCRIPTION

Development of advanced parallel cfd codes

Project description: Development of advanced parallel CFD codes for the numerical simulation of turbulent flows of technical interest. Use of large scale parallel computers for direct numerical simulation (DNS) of turbulent flows and large eddy simulation (LES). Applications to different fields of thermal engineering.

RESPONSIBLE UPC RESEARCHER

Prof. Asensi Oliva

UPC RESEARCHER CONTACT

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TYPE OF RESEARCH COOPERATION ENVISIONED

Students who just finished or are in the last year of their degree in physics, engineering, mathematics or computer science. Post-Doc students may also be considered.

FUNDING AND FACILITIES OFFERES

Grants of 1000 euro / month plus medical insurance and traveling expenses.