COMPUTATIONAL MODELLING OF TURBULENT SPRAY COMBUSTION UNDER HIGH PRESSURES

Description:

Developing LES/FGM & LES/tPDF modelling of multiphase, turbulent, reacting flows under high pressure aero-engine combustor like conditions.

Adapting these approaches to an "in-house" solver built in OpenFOAM framework.

Comparing and validating with experimental results from literature.

Required documents for applications: Transcript (including GPA)

Stipend

PhD   : 3500 TL/month
MS   : 3000 TL/month

Fringe Benefits: Dormitory, Health Insurance, Meal Card, Travel support

Applications are open for

PhD and Master Students

Supported by TUBITAK 1001 program

Project Team

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