



COREFLOW

Development and application of parallel computing technologies for supercomputer modeling of **COMplex REactive FLOWS**

Supported by TUBITAK and the Russian Foundation for Basic Research

Description:

Implementation and testing of multigrid time approach, where the time variable is treated in a similar way to spatial variables, with the construction of a grid hierarchy in time dimension.

Developing benchmark and canonical test tools for chemically reacting flows, including surface reactions.

Evaluating performances of the numerical approach for complex reactive flows.

Required documents for applications

Transcript (including CGPAs)

Scholarships

Master :3000 TL/month

PhD :3500 TL/month

Applications are open for

Master and PhD Students

The Russian partner of the project is the Institute of Problems of Chemical Physics of the Russian Academy of Sciences (IPCP-RAS).

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