



CFD SIMULATIONS USING OPENFOAM (PTC COURSE)

December 14 – 15, 2017

VŠB - Technical University of Ostrava
IT4Innovations building, training room 207

LECTURER

Tomáš Brzobohatý (IT4Innovations)

The course provides an introduction to the **OpenFOAM open source package** for CFD simulations on HPC infrastructure. The participants will be guided through basic geometry and mesh generation, physical modelling, visualization and parallel computation. This training is a **PRACE Training Centre course**, co-funded by the **Partnership of Advanced Computing in Europe (PRACE)**.

COURSE AGENDA

Thursday December 14, 2017

- 09:00–09:30 Registration
- 09:30–12:00 Course introduction
- 12:00–13:00 Lunch
- 13:00–15:30 Geometry and meshing
- 15:30–16:00 Coffee break
- 16:00–17:00 Mesh manipulations

Friday December 15, 2017

- 09:00–10:30 Physical modelling and numerical simulations
- 10:30–11:00 Coffee break
- 11:00–12:30 Parallel computing
- 12:30–13:30 Lunch
- 13:30–15:30 Post-processing



More information and registration:
<https://events.prace-ri.eu/event/636/>