

## HITEC Day and Lab

**Title:** Introduction to Applied Computational Fluid Dynamics with OpenFoam®

**Date:** May 16th & 17th 2018

**Time:** 9:00 – 16:00

**Location:** [Forschungszentrum Jülich](#) ► IEK-6, Bld. 16.5 R 54a

**Lecturers:** Dr.-Ing. Stephan Kelm & Manohar Kampili

May 16, 2018

09:00 – 09:45	Welcome and Organizational Issues
09.45 – 12.00	Introduction to OpenFoam® and CFD - first simulations
12.00 – 13.00	Lunch-break – at own costs for Docs
13.00 – 14.30	Fundamentals of CFD & Finite Volume Method
14.30 – 14.45	Coffee break
14.45 – 16.00	Geometry and Grid Generation
16.00 – 17.00	Time for discussion (voluntary)

May 17, 2018

09.00 – 12.00	Physical & Numerical Modeling I
12.00 – 13.00	Lunch-break – at own costs for Docs
13:00 – 14:30	Post-Processing and Visualization
14:30 – 14:45	Coffee break
14:45 – 16:00	Summary and Tips & Tricks
16:00 – 17:00	Get-Together with snacks and time for discussion

**Contact:** Dr.-Ing. Stephan Kelm ([s.kelm@fz-juelich.de](mailto:s.kelm@fz-juelich.de); ☎ 02461/61-3871)