

Mathematics for Industry

September 15, 2017



Seminar organized in cooperation with Bobcat Doosan

Program

The preliminary schedule of the workshop

10:00 - 10:30 Eduard Feireisl:
Motion of Fluids

10:30 - 11:00 Stanislav Stanček, Jaroslav Staněk:
Total Noise Model of Doosan Bobcat Mini Excavator

10:30 - 11:00 *coffee break*

11:00 - 11:30 Marek Brandner:
Basic Algorithms in Computational Fluid Dynamics

11:30 - 12:00 Vít Dolejší :
Numerical Simulation of Viscous Compressible Flow

12:00 - 13:00 excursion in Bobcat

13:00 - 14:00 *lunch*

14:00 - 16:00 discussion

This special joint workshop of the working group in fluid mechanics and Bobcat Doosan company (<http://www.bobcatdobris.cz/>) supported by the Czech Academy of Sciences in the framework of program "Hopes and risks of the digital era" of the Strategy AV21 (<http://av21.avcr.cz/vyzkumne-programy/01-nadeje-a-rizika-digitalniho-veku/index.html>).

The workshop will take a place at:

DOOSAN BOBCAT EMEA s.r.o.
U Kodetky 1810
263 12 Dobříš