

# Mathematics for Industry

December 8, 2017



The Czech Academy  
of Sciences

**Strategy AV21**

Top research in the public interest

Seminar organized in cooperation with Bobcat Doosan

## Program

*The preliminary schedule of the workshop*

10:30 - 11:00 Jan Valášek:

**Aeroacoustic Analogies**

Aeroakustické analogie

11:15 - 11:45 Jaroslav Beneš:

**Simulation of the Defreezing of an Excavator**

Simulace rozmrazování bagru

12:00 - 13:30 *Lunch and coffee break*

13:30 - 14:00 Tomáš Bodnár:

**Cooperation in Mathematical Modeling**

Spolupráce v matematickém modelování

14:00 - 15:00 Everyone who Knows:

**Answers to Raised Questions**

Odpovědi na vznesené otázky

15:00 - 15:15 *Coffee break*

15:15 – 15:45 **Outlook and Future Activity Planing**

*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:*

Institute of Mathematics CAS  
Žitná 25  
115 67 Praha 1  
Czech Republic