

Programme of workshop Mathematics in Industry 2019

Wednesday, 11 December 2019

<http://workshop.math.cas.cz/MathInIndustry2019/>

9:00-9:30 Coffee break

9:30-10:00

Industrial company: Röchling Engineering Plastics, s.r.o.

represented by I. Mikulčík

academic partner: Faculty of Civil Engineering, Czech Technical University in Prague,

represented by J. Kruis

contribution: Mechanical analysis of thermoplastic tanks.

10:00-10:30

industrial company: Knauf Praha, s.r.o.

represented by O. Zobal

academic partner: Faculty of Civil Engineering, Czech Technical University in Prague

represented by T. Koudelka

contribution: Coupled heat and moisture transfer in building envelopes.

10:30-10:50

industrial company: Mavel, a.s.

represented by —

academic partner: Faculty of Applied Sciences, University of West Bohemia

represented by B. Bastl

contribution: Shape optimization of water turbines.

10:50-11:10

industrial company: Škoda JS a.s.

represented by —

academic partner: Faculty of Applied Sciences, University of West Bohemia

represented by R. Čada

contribution: Optimisation of Nuclear Reactor Reloading Patterns.

11:10-11:40

industrial company: Vitesco Technologies Czech Republic s.r.o., (formerly Continental)

represented by Radim Hercík

academic partner: Faculty of Electrical Engineering and Computer Science, Technical University of Ostrava

represented by D. Lukáš

contribution: Ultrasonic piezo-acoustic measurements and simulations.

11:40-12:30 Lunch