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