



# IGDK Mini-Workshop „Mathematics in Industry“

Date: **Friday, October 18, 2019**  
Time: **13:00 – 17:00 o'clock**  
Place: **HS 11.02** (8010 Graz, Heinrichstrasse 36, ground floor)

13:00 - 13:50 **Prof. Dr. Anton Arnold** (Institute for Analysis & Scientific Computing, TU Vienna, Austria)

*“Mechanical systems with boundary control: asymptotic stability and dissipative discretizations”*

13:50 - 14:40 **Mag. Dr. Franz Pichler** (Virtual vehicle, TU Graz, Austria )

*“Mathematics in Battery Research”*

\*\*\*Coffee break\*\*\*

15:10 - 16:00 **Prof. Dr. Dieter Bothe** (Head of the research area Mathematical Modeling and Analysis at the Department of Mathematics, TU Darmstadt, Germany)

*“Reaction-Diffusion systems revisited – a kaleidoscope of classical and emerging topics”*

16:00 - 16:50 **Mag. Dr. Manfred Liebmann** (Institute for Mathematics and Scientific Computing, University of Graz, Austria)

*“Reinforcement Learning for Hybrid Electric Vehicle Drivetrain System Controllers”*