RCMT – Research Center of Manufacturing Technology and Department of Production Machines and Equipment focuses on applied research in three main fields:

01

Research on productive, precise, reliable and eco-friendly machine tools
- New machine tool concepts
- Machine frames
- Drives and control systems
- Virtual prototyping
- CAD/CAM

02

Research on machine tool properties; machine tool diagnostics and measurements
- Machine tool accuracy
- Manufacturing productivity
- Thermal stability
- Post-process checking
- Risk and safety analysis

03

Research on productive and eco-friendly technologies
- Hard machining
- Eco-friendly machining
- High-speed machining
- Hard-to-cut machining
- Micromilling
- Laser technology
- Production cost cutting

www.rcmt.cvut.cz