

Optimization of an active knee orthosis

The need for innovative medical devices for lower limb rehabilitation is growing. The ZMS is working on the research for exoskeletons and active orthoses. As part of the research, we develop a Legsimulator for human gait activities.

We offer:

- Theses (Bachelor or Master) and research masters (MSD) with subject-specific supervision
- Flexible working hours and independent work
- Practical experience in the field of applied Research
- Young and motivated team

Your profile:

- Degree in mechatronics, electrical engineering, computer science or similar degree programs / relevant work experience
- Passionate to learn, highly motivated, responsible, independent

Your tasks:

- Identification of components that can be optimized
- Development of optimization concepts
- Implementation of optimizations to the active knee orthosis
- Verification of the implemented optimizations



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Cooperation partners:



Advanced
Mechatronics

