



Master thesis project

Experimental methods to study human motions provide limited insights into the body's function. Subject-specific simulations are essential to augment sparse experimental data. Here, we aim to develop personalised 3D models to study the electromechanics of pinky finger movements.

Tasks:

- Geometrical modelling
- Meshing
- Finite element simulations

Requirements:

- Basic programming skills
- Basic knowledge of physiology
- Motivation to dive into a new research project giving you the chance to learn new skills and make new connections

Language:

English or German

Contact:

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Neuromechanical Digital Twin

