Learning Hand-Kinematics

Idea: Learn a model that maps the incoming signal from the SensorGlove to the kinematic state of the hand.

Challenges:

- Get **groundtruth data** for the hand states.
  - Optitrack, Kinect, cameras with markers, ...
- Compare **regression methods**
  - Deep Learning, kernel-based methods, ...

Prerequisites:

Knowledge about ROS (C++ and Python), willing to learn the ropes, not being afraid to work with hardware.

Nice to have:

Knowing the basics in computer vision