

**PV160**

# **Human Computer Interaction Laboratory**

**Initial Meeting – Autumn 2020**

# Organization

- Individual or team work on HCI related research projects
- Each student has a “supervisor” to consult with
- No scheduled lectures/seminars:
  - Access to the lab,
  - Consultations with project members/leader
- Evaluation:
  - Mid-semester presentation
  - End-semester presentation
  - Results submitted in “homework vault” in IS
- Possibility to enroll repeatedly:
  - Long time cooperation
  - Bachelor, Master theses

# The LAB

- Room A421 (this room :-)
  - Normally – open 24/7,
  - covid period – ???
  - shared Google calendar
- Equipment:
  - Stereoscopic rendering wall
  - Full-body Motion Capture setup
  - VR headsets – HTC Vive, Oculus Rift, Oculus Quest
  - 3D scanner, 3D printer
  - Haptic feedback device
  - Brain-Computer interface devices (e.g. EEG :)

# Projects and Topics

- Limited access to lab, equipment -> broader list of “programming” topics
- See separate presentation

# Your First Task: Choose a Project

1. Choose a project, **discuss** details with project leader.
2.
  - a) Ask for enrolment permission (via IS)
  - b) If you asked already, just send us an email with name of project
3. We will give you permission
  - Deadline: 16<sup>th</sup> October 2020 (including)
  - Mandatory condition for enrolment permission