Hands-on training SMI RED

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Overview
1. Recording room
2. Interacting with participants
3. The eye tracking system
4. Software components
5. Data quality factors
6. Successful calibrating & recording

Recording room: @ OU

The eye tracking system: operating laptop
- Includes all the software you need (see later)

The eye tracking system: the ET device attached to the monitor
- Includes infra-red light sources
- Includes eye camera
The eye tracking system: chinrest

- Adapt to participant

Software components

1. iViewX RED 250 Hz
   - Operates the eye tracking device
   - Start this one first
2. Experiment Center
   - Stimulus presentation software
3. BeGaze
   - Analysis software

Software components: general advice

- We will not further deal with that today (another workshop)
- Today we'll focus on the basis for good eye tracking data quality...

Data quality factors

- Eye tracking hardware
- Participant's eye physiology
- ...
- Experienced experimenter! Today is the first step to become one! Everyone should record everyone!
- Good calibration!
  - Higher accuracy
  - Less data loss

Successful recording
Successful calibration & recording: procedure

- Open Experiment Center → “Hands-on training”
  - Import your stimuli
  - Choose adequate calibration
  - Calibrate & record!

Successful calibration & recording: troubleshooting

For more information on this workshop, please contact:

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