

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



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Recording room: @ OU



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The eye tracking system: operating laptop

- Includes all the software you need (see later)



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The eye tracking system: the ET device attached to the monitor

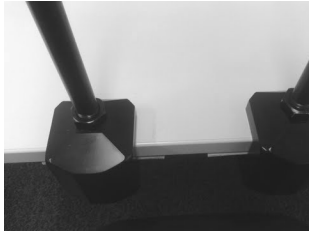
- Includes infra-red light sources
- Includes eye camera



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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

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Software components: general advice



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Software components

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

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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

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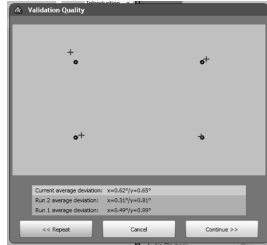
Successful recording



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Successful calibration & recording: procedure

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



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Successful calibration & recording: troubleshooting

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For more information on this workshop, please contact:

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