- TOBII Training
  - (technical) Set Up
  - Optimal illumination and how to check it for our lab (Windows beside Eyetracker)
  - Installation (e.g. software on other PCs)
  - Distances / angles between subject and Eyetracker
  - Suggestions for chin rest (suggested by colleagues) and chair (stationary?)
  - Additional screen? Recommendation on resolution / size?
  - External video capturing (required?)
  - Remote viewing (required?)
  - Set up of Tobii-Dell Laptop (arrived!)
  - Limitations of experimental setup (e.g. (dirty) glasses and contact lenses, small pupils, dark / bright environments, determine fixation on bright eyes, eyeblinks)
  - Calibration demands in terms of accuracy and precision
  - How to handle drift
- Implementation of empirical studies
  - Implementation of study design and procedure
    - Through Tobii-software or other tools (e.g. jspsych) - at the moment we're using jspsych
    - General compatibility with other (non-Tobii) systems and software?
- Tobii software: definition of different conditions (study timeline)?
  - Randomization (e.g. 3 out of 8) of stimuli or rather presentation time?
  - Number of trials that can be captured
  - Minimal presentation time of stimuli
  - Definition of AOIs in open web environments (e.g. information gathering in web-based paradigms, unstructured data, saving screencaptures)

    - Timing / synch when applying web-based searches
    - How does the software react to webapps?
    - Implementation of semantic gaze mapping (dynamic AOIs)
    - Any limitations?
    - Relating Log-Files and gaze data
    - How to prepare data logging
    - Definition of scenes and segments that are of particular interest
    - Fixation filtering and what algorithm should be used (pros & cons of Tobii's implementation)
    - Ways to enhance accuracy
    - Ensuring high quality data
- Recruitment
    - Exclusion criteria (e.g. bright eyes, glaucoma?)
    - Number of participants (variability etc.)
- Instructions for participants
    - How to properly instruct a subject for eyetracking experiments?
        - Tolerances for head movements?
        - Eye blinking
    - Training sessions
        - Number
        - Duration
    - Handling of breaks and repeated-measures designs
    - Ensuring comparable data in repeated measures
- Interpretation of Results
    - Analyses: steps

- Need for data preparation?
- Gaze Plots and Heat Maps
- How accurate could a AOI be defined (for single pixels?)
- Output and preparation of Likert(-like) scales
- Sorts of between-group comparisons
- Other metrics like psychophysiological correlates (e.g. frequency of pupil diameter changes and attention etc.)
- Analyzing log-files and relate them to gaze data
- Artifact handling and classification
- Evaluation of data quality

- Using Tobii with non-Tobii devices
  - Technical considerations
  - e.g. Simultaneous measures of eye movements and EEG, NIRS etc.
    - Synchronisation
    - Trigger handling
    - Implementation
    - Third-party software handling (e.g. Brainvision Analyzer, MATLAB etc.)
- General Support from Tobii later on
  - Information about / preview of new Tobii Pro Lab SDK
  - Webinars and courses
  - Guarantee & Service (Firmware / Software updates)