



# **Automated Documentation to Extract Learning from EEG (ADELE)**


Meeting 1  
February 8<sup>th</sup>, 2021

# Today's Agenda

- Feedback on the reading
- Goals and expectations for the semester
- Overview of the Dataset
- Things to do for next week
  - Assignment
  - Presenting your results



# Goals and expectations

- Learning experience for everyone involved
  - Mentors' responsibility is to enable you
    - Clear communication
    - Explicit goals
  - 6 hours a week on deliverables
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# Assignment for next week

- Explore dataset
- Make some plots of biometric measurements
- Extract a frame (image) from the video
- Create a pdf file
  - Use the earlier plots
  - Write a paragraph on the chosen biometric
  - Include the frame from the video
- Present next week using the Presentation Template
- Use the following libraries
  - Pandas - for importing csv and manipulating data
    - [pandas Cheat Sheet from Datacamp](#)
  - Numpy - numpy arrays, statistics
  - Opencv - video processing
    - [Opencv GitHub](#)
  - Pymupdf - creating a pdf file
    - [PyMuPDF GitHub](#)
- [Anaconda installation for Windows](#)