Assignment 6

VAA3D, Huygens

Vaa3D installation

- Go to Vaa3D downloads

- Download latest version

- Install

- In BS, there is a test image in Practical

Huygens installation

- For Huygens: svi.nl/Downloads
- Download Huygens 25.04 (select OS)
- Install
- For MacOS, install XQuartz: https://www.xquartz.org/

- Userid   LIACS_Huygens
- PW   SVI_2025

Assignment 6

- Lif files
- Consist of multiple 3D images
- Conversion to separate tiff files (see BS)
- Read in VAA3D, Visualization
  - Parameters
  - Pre-processing
- Read in Huygens, Visualization and Deconvolution
  - Parameters
  - Pre-processing

Instructions

- Deconvolution
- https://www.youtube.com/watch?v=8qcio_UrpeI

- Visualization
- https://www.youtube.com/watch?v=A58kXvArtIA

- Huygens Workshop:
- https://svi.nl/Huygens-Workshop-Recordings (select parts of interest)