ASSIGNMENT 6 SOFTWARE INSTALLATION
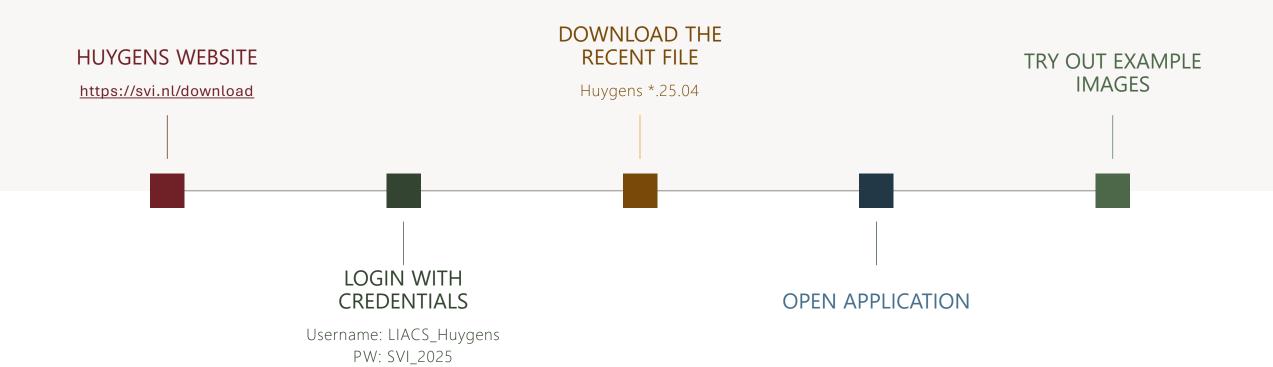
IAiM 2025

INSTALLATION - VAA3D

VAA3D WEBSITE

https://home.penglab.com/proj/vaa3d/home/index.html

OPEN THE .ZIP FILE

FOLDER SHOULD HAVE THE APPLICATION FILE

TRY OUT EXAMPLE IMAGES

DOWNLOADS > BINARY RELEASES

DOWNLOAD APPROPRIATE VERSION

OPEN APPLICATION

INSTALLATION - HUYGENS

HUYGENS WEBSITE

https://svi.nl/download

DOWNLOAD THE
RECENT FILE

Huygens *.25.04

TRY OUT EXAMPLE
IMAGES

LOGIN WITH
CREDENTIALS

Username: LIACS_Huygens
PW: SVI_2025

OPEN APPLICATION

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
- Information on Huygens Functions - https://svi.nl/Help-Center
- Vaa3D Wiki - https://github.com/Vaa3D/Vaa3D_Wiki/wiki/UsingVaa3D.wiki