



Generating ptycho stacks from *.tif sequences

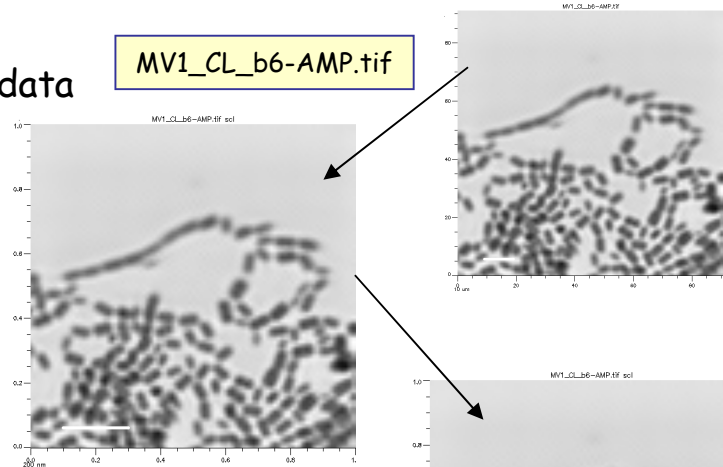
Convert a set of tif files to a stack starting from ptycho images reconstructed by SHARP (extracted from from the *.cgi file using e.g. recon_result_grey.py, on CLS-SM-ptycho workstation)

1. read~Images~Graphics~tiff~data

2. Images~set xy scale

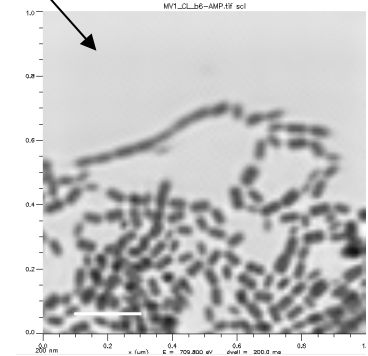
3. Images~change~energy

4. Images~change~dwell



5 Write~axis

MV1_CL_b6-AMP_001.axb



6. Do the above for each tif file in the stack

7. Prepare a *.sl (stack list file)

```
E:\data\XRM\Soleil\2019\19-06\06-17\30\
SS30_1.axb
SS30_2.axb
SS30_3.axb
SS30_4.axb
SS30_5.axb
SS30_6.axb
SS30_7.axb
SS30_8.axb
SS30_9.axb
SS30_10.axb
SS30_11.axb
```

8. Stacks~Analyze~stscl list input

9. Write out as a stack (*.dat, *.ncb)

10. Process as required (alignment, convert to OD, etc, etc)