

Glacios Checklist

Start of Day:

- 1) Setup a Leginon session
 - a) For NCCAT:
 - i) `nccatlegion`
 - ii) If user isn't here: `beegfs/sw/bin/change_user.sh <username>; then`
nccatlegion
 - b) For EMG:
 - i) `betaleginon`
 - ii) If user isn't here: `gpfs/sw/bin/change_user.sh <username>; then`
betaleginon
- 2) Leginon gain reference
- 3) New dose for exposure
- 4) Ice thickness
- 5) Eucentric height/focus
- 6) Beam tilt pivot point and rotation centering
- 7) Objective aperture centering and astigmatism correction
- 8) Coma correction
- 9) Preset alignments
- 10) Test images
- 11) Switch to user's grid and collect an atlas

End of Day:

1. Toggle error notification ON
2. enn/fa/fc beam centered over camera
3. Objective aperture is inserted
4. Final queue is submitted
5. Frame alignment and CTF estimation is running
6. Leginon PC is vnc capable
 - Remote desktop setup
 - No screensaver
 - Previous user has signed off, i.e. no "switch user"