Cyril, Fred, Denis – Norm, Narsi, Julien 2022-11-04

- Arrival at 1h15, settings everything with STS and the new white light source (WhiteLightgtk.py to manage the flux).
- For MIRCX and MYSTIC: mircx_bootLaunch on mircx computer and mircx_launch_all_guis on novadel.
- E1 probably not online tonight, because of temperature issues on the mountain and difficulties for correctly tuning the gains.
- For offsets, fringe_predictor
- Seeing is horrible tonight.
- Everything is set for LDC in spica_ople but "useldc on" has to be set in ople to correctly correct the main DL from the LDC offsets.
- S1=+60µm, S2=-130µm, E2=580µm, W1=-600µm
- No luck on S1S2 fringes on SPICA. R0 around 4 cm.
- UT 4h30: move to gam Cas.
- S1S2 fringes found in MR and then in LR with SPICA. DL5 10647 instead of 11347µm. So -700µm instead of -300µm.
- Minimisation of dispersion by changing the 0 position of VLDC5 from 6.8 STS to 8.4. Position DL5 = 10347, so -1000 with respect to STS. (DL4 on STS always at 13726µm)
- Recording dark template + template 10 files + foreground
- Long tests on W1W2 but no chances with SPICA, neither in MR nor in LR.
- UT8h30 move to HD 32630. Seeing is horrible. Check again S1S2 fringes
- Validation of spatial frequencies on STS. Fringes 45 are at pixel 23 and fringes 15 are at pixel 51.
- UT 9h49: record Dark for 6T fringes LR STS, and template 6T fringes STS (including foreground)
- UT11:00: slew to gam Ori, HD35468. Priority S1S2 with S1P2, S2P3. W2P5
- S1=0.4, S2=0.87, W1=0.06 on HD35468.
- Ut12h15 fringes S1S2 recorded (20 files of 1000 frames + foreground + dark). Very poor quality however. Same position as for gam Cas hopefully and apparently the dispersion is correctly corrected. At least this is a good confirmation of our previous findings.