

Minutes of SHARK-NIR ComRun2 Pre-run Meeting

February 21, 2023

Attendees: Maria, Doug, Alessandro C., Daniele, Davide G., Davide R., Dino, Elena, Simone, Glenn, Jenny, Joe, John, Luca, Steve, Pat, Manny, Robert, Al

1. Plans for the run
 - a. Team of 6 (details [here](#))
 - b. The focus will be on the use of the coronagraphs.
 - c. Some tests require Fourier mode for coronagraph alignment.
 - i. These require specific support from Guido and/or Xianyu.
 - ii. They are planned for the first night (March 6) but could be delayed until later in the run (either March 7 or 8).
 - d. Sharing with SVF¹
 - i. The SV team have been notified to coordinate all needed support via LBTO (not SN).
 - ii. Presets will be performed by LBT staff² and can be issued either:
 1. via the IRAF/IRC command line or
 2. via the LBTI interface³
 - iii. No LMIRCam support is anticipated for SVF or SN.
2. Presets when sharing with LBTI
 - a. There are no plans to share with LBTI during ComRun2, but we discussed the possibility for future runs.
 - b. SN sends presets by editing an XML file.
 - c. This method is flexible and can be used to issue all of the preset variations given in Steve's [flowchart](#).
 - d. For the next time SN shares with LBTI, if the LBTI INDI screen has been extended as per Steve's email, then it will be possible to share the telescope using the policy given in Steve's [flowchart](#).
3. Z-offsets for NCPA calibration
 - a. The two new commands (one low level and one high level) are being implemented but will not be ready for day tests on the 27th nor for nights of ComRun2 (6-8 March).
4. Shutdown script
 - a. SN will provide to LBT the scripts to be run before power outages to put SN in a safe state.
5. Scheduling ComRun4
 - a. It's still too early to give an estimate of the SX AdSec return to operation next fall.
 - b. Mid-October is still likely the earliest.
6. Next meeting: March 21, 9:00 MST

¹ SHARK-VIS Forerunner

² SVF software does not provide a means for issuing presets.

³ Requires some config file changes.