

Minutes of SN/SV/LBTI Planning Meeting

January 19th, 2024

Attendees: Steve, Alessandro C., Alessandro L., Brandon, Daniele, Davide, Dino, Domenico, Doug, Elena, Enrico, Federico, Fulvio, Glenn, Jacob, Jacopo, Jennifer, Jenny, John, Juan Carlos, Luca, Maria, Matthieu, Paolo, Robert, Roberto, Fernando, Sam, Simone A., Simone D., Valentina, Xianyu, Al

Previous runs:

- SNIR: 29-Dec to Jan-1 and 3-Jan to 4-Jan
 - a. All but two nights lost to weather.
 - b. Some technical problems with ADC, AO, and sending presets.
 - c. The AO problem (Ocam not live) will be discussed with the AO scientists Monday, and then again with the SOUL team soon after.
 - d. The ADC and telescope interface problems have been resolved.
 - e. Despite weather and technical problems, at least 30 minutes on one science source provided good results.
- SV during INAF: 5-Jan to 11-Jan
 - a. Only 3 hours on January 9th were usable.
 - b. With seeing variable and above 2.5 arcseconds, very little of the science time was usable.
 - c. The DX AdSec cold temperature issue reduced the amount of usable time.
 - d. Software discussions with Massimiliano were productive. These included the topic of the lag time that users experience when operating the instrument remotely from Italy.
 - e. The SV team are working with Leroy on the installation of the KVM for the workstation in the computer room. Installing a second KVM for the workstation on the telescope may take place afterward.
 - f. The customs problems with the UPS package with spare parts for Italy are still being worked on.

Future runs:

- LBTI: 25-Jan to 3-Feb and 23-Feb to 28-Feb
 - LBTI dual-sided mode is back.
 - Plans for the two February runs include lots of interferometry.
 - For some science programs LBTI will only use the DX side (assuming the temperature is above -6C), with the SX side configured for SN.
 - Steve and Jacopo are working out the scheduling for those nights.
 - SN will be operated remotely from Italy for those nights, unless they occur during the last two nights (Feb 2-3), in which case an SN team will be on the summit (having arrived early for their run).
 - On nights shared with SN, the bright LBTI set-up star used in twilight can also be used by SN simultaneously for their instrument optimization procedure. This will also be true on the ECD night, January 24th, for the ORCAS observations.
- SN: 4-Feb to 9-Feb and 18-Jan to 23-Jan
 - Two separate teams will be travelling to LBT for the two runs in February.

- Alessandro and Simone will be the only persons participating on both teams.
- SN will provide an email with more details of who will be arriving and when.
- Both LBTI and SV will be sharing on the DX side (when temperatures are above -6C).
- The two SN PI programs are being coordinated by Dino and Valentina, with Simone supporting the SV portion.
- Other SN programs for which SV will be on DX will likely be carried out during the second halves on the two full nights, Feb 19 and 20.
- A software discussion will likely take place during one of the days Alessandro is at LBT.
- For presets and offsets, sasha (also known as "the LBTI clone") will be used just as it has been on previous runs.
- A sasha software bug is being address this week and should be resolved in time for the run.
- The SN team will be asked to migrate to the new tool (iif-web), but only after documentation and training have been provided.
- SV (during INAF): 13-Jan to 19-Jan
 - The SV team will operate the instrument remotely from Italy.
 - Scheduling will be in the same disruptive mode used during past INAF blocks.