**Report for the 2023A and 2023B cycle on the SPECULOOS South Observatory**

Contacts details: [sgzuniga@uliege.be](mailto:sgzuniga@uliege.be)

[michael.gillon@uliege.be](mailto:michael.gillon@uliege.be)

[elsa.ducrot@cea.fr](mailto:elsa.ducrot@cea.fr)

1. **Allocated time and status of the programmes**
   * Cycle 2022A: 66 out of 66 nights of observations were allocated to Chilean programmes during this cycle on a SPECULOOS-South telescope. These nights were spread between programs 0111.A-9004 (“Photometry for secondary targets of the Hera mission », PI: Leiva, 12 nights), 0111.A-9005 (PI: Pignata, Transit Monitoring from the South (TraMoS) project, 10 nights), and 0111.A-9006 (“Monitoring of hot planetary transits », PI Caceres). Data were obtained for 40 out of these 66 nights. 15 nights were lost due to bad weather, one due to a telescope problem, and 10 because no observation plans were transmitted to us by the Chilean PIs (8 for program FT2022A-09, 1 for program CN2022A-74, and 1 for program FT2022A-01).
   * Cycle 2021B: 57 out of 66 nights of observations offered were allocated during this cycle. The two programs that shared those nights were programs 0111.A-9005 (“Probing the explosion mechanism of core collapse supernovae through nebular photometric and spectroscopic observations », PI Leiva, 12 nights), and . 48 out of the 57 nights were successful. 8 nights were lost due to bad weather, and one due to technical problem on the telescope.

In total 88 out of the 123 allocated nights were successful for cycle 2021A and 2021B.

1. **Issues**

The SPECULOOS team acknowledges very good relations with all PIs from Cycle 2022A and 2022B. In particular, the SPECULOOS team greatly appreciated that all PIs took the time to learn how to use the online tool that was provided to make the plans for each Chilean nights, this made the planification of observations much easier for the team.

The only remark that was raised is that our request to obtain the plans a month in advance was met only for 27 out of 66 nights in Cycle 2022A. As in 2021, some plans were received only 1 or 2 days before the actual observations which put more stress on the planification and increases the chances to miss the information. Still, things improved in Cycle 2022B, as we got the plans in due time for 42 out of 57 nights, and two weeks in advance for the 15 other nights.