

## Celebrating 20 years of Swift Discoveries



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## SOXS: the transient hunter

*Friday 28 March 2025 11:20 (20 minutes)*

The Son Of X-Shooter (SOXS) is a wide-band (350-2000 nm), medium-resolution ( $R \sim 4,500$ ), single object spectrograph to be mounted at the 4m NTT-ESO telescope in La Silla. The 180n/yr (for 5 years) of the SOXS Consortium guaranteed time will be dedicated to the study of transients from the ongoing and upcoming imaging surveys and space missions. Thanks to its continuous availability and to the flexible schedule maintained by the consortium, based on a remote scheduler which will interface with the observatory software infrastructure, SOXS will become one of the main follow-up instruments in the Southern hemisphere for the classification and characterisation of transients. SOXS has successfully passed the ESO acceptance in Europe and is now in Chile, ready to be mounted at the NTT (March 2025).

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