

Follow-up observations of time-domain science cases at ESO.

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Abstract

Time-domain astrophysics comprises a vast array of phenomena, spanning from solar system objects to periodic variables, massive star eruptions, novae, supernovae, gamma-ray bursts, tidal disruption events, fast radio bursts, active galactic nuclei, and microlensing. Multimessenger astrophysics is starting to become a powerful investigative tool and within the next decade several missions and facilities will explore the timevarying Universe. ESO's instrumentation suit is ideal for coordinated follow-up efforts, but are we prepared for it in terms of tools and procedures?.

My poster is available at <https://zenodo.org/record/7046721>