

The COSMOGRAIL project: past, on-going and future lensed quasars monitoring campaigns

I will present the latest release of the COSMOGRAIL lensed quasar light curves. This dataset constitutes a unique sample of decade long and well sampled light curves, useful for time-delay cosmography, to measure the size of the quasar accretion disk and to study the quasar variability. I will show how we robustly measure the time delays in the presence of microlensing and how this microlensing signal can be extracted from the data. I will also explain how the monitoring strategy is now changing with high cadence observations that allow us to obtain accurate time-delay estimates in only one season. I will conclude my talk with the future prospects to achieve the goal of building a sample of 50 strongly lens systems with known time delays.

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