

## **The Performance of 1m Aperture SLR Telescope in Wuhan JiuFeng SLR Station**

The first SLR ranging data was obtained on September 29, 2018 at WUHAN JFNG SLR station, and the 1m Aperture SLR system can range all SLR satellites listed on ILRS website now. The pointing accuracy of the telescope is less than 2 arc second after correction with pointing model, and the tracking accuracy of servo controlling system is less than 0.3 arc second (RMS value of O-C). The accuracy of single target calibration is less than 8mm, and the single ranging accuracy of Lageos satellite is less than 12mm. The normal point data and full rate data are uploaded to EUROLAS Data Center (EDC) from July 3, 2019, and more than 500 passes has been uploaded until now.