FASTT Telescope

Instrumentation and Reductions

- 20-cm meridian telescope

  ⇒ 0.9×0.9 deg field of view (50 Tycho-2 stars)

  ⇒ Full or partial TDI scanning

- Detector

  ⇒ Ford/Loral 2048^2 CCD (15μm pixels)

  ⇒ Anti-blooming logic for bright objects

- All reductions make differentially to Tycho-2

  ⇒ Positional accuracy $\sim \pm 60$ mas

  ⇒ Photometric $\sim \pm 0.03$ mag

Operation

- All aspects (target selection → observations → reductions → final positions) are fully automated

- Rapid processing and publishing of data