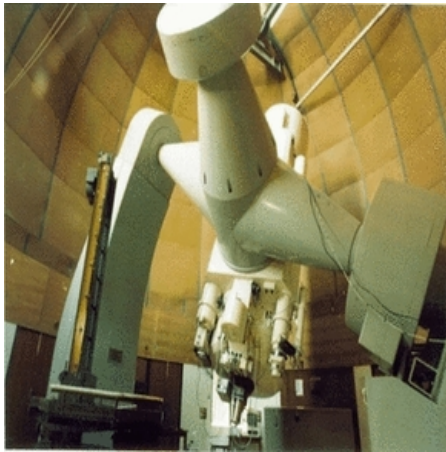


Time domain aspects

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1.0m ST

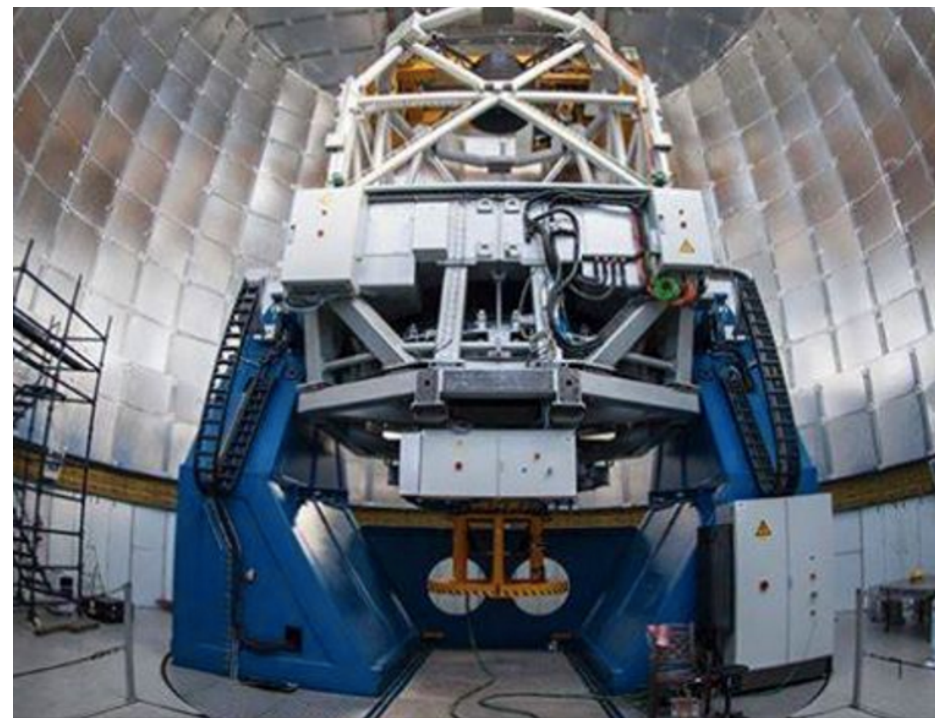


The Optical Eye

2.3m VBO



3.6m DOT



1.3m DFOT



2.0m HCT



1.2m Mt. Abu



2.0m IGO



Challenges

- I) Co-ordinating and combining data from different telescopes
 - Telescope Automation - telescope pointing and source identification
 - Fast slew rate but at the same time both pointing and tracking have to be accurate to facilitate remote observations
 - Data reduction pipelines

Challenges

2) Transient detection and flux measurement via image subtraction

- Image subtraction pipelines
- Availability of pre-explosion images (access to survey data from various telescopes)
- Or host galaxy templates have to be obtained when the transient fades

