HSC Queue Mode Observation Simulations

Sherry Yeh
(Subaru Telescope, NAOJ)
yeh@naoj.org

Phase 1

Call for proposals (observatory) → Submit proposals (PI) → Referees/TAC (observatory)

Phase 2

Hours allocated to accepted proposals (observatory) → Prepare OBs (PI) → Check OBs (observatory) → Submit OBs (PI) → Queue obs. (observatory) → Deliver data (observatory)

Observing Block (OB): Specifies enough information to observe a target with a telescope and instrument configuration, and specifies any limiting criteria.

qplan input parameters: OBs, semester schedule (filters, seeing, sky), accepted program list (rank, allocated hours).

Details in Eric Jeschke’s poster (P20).

* S15A HSC Open Use schedule; bad weather for 3 high-ranked classical programs

* S15A HSC Open Use schedule + 5 April dark nights

Program completion rate

Classical

Queue

Bad weather for 3 high-ranked classical programs

Remarks:

- Partially completed program data may be useful/publishable.
- Few relatively high-ranked programs are not granted time due to classical schedule constraints.
  In queue simulations they get useful data.
- High demand for March and April (popular RA) and dark time (g & NB filters).