

# Plan for Fall 2002B SXDF search

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# Subaru Observatory Project

- Mainly for Subaru telescope “builders”.
- Many people and various scientific topics are involved.
- In the year 2002, most of time are spend for multi-color imaging with Suprime-Cam.
- Observing fields are SDF (spring; 1 field) and SXDF (fall; 4 field).

# SXDF Observation

- 4 Suprime-Cam field (maybe changed to 5) will be observed.
- Exposure times for each field will be
  - B : 8.0 hours                  R : 4.5 hours
  - i' : 5.0 hours                 z' : 8.0 hours
- We asked SXDF team to make i' exposure 5 separate 1 hour exposures. z' exposure (>1.5 hours) at near maximum is also requested.

These requests are basically accepted.
- SNe at  $z < 0.8$  will be followed by Subaru.

# Available Nights

- 13 Suprime-Cam nights from SXDF project.
- 2 Suprime-Cam nights from the compensation of ToO request during March reference run.
- 4 FOCAS (optical spectroscopy) nights and 6 CISCO (NIR imaging) nights from “intensive” proposal.

# Schedule Plan

- **Suprime-Cam**
  - (0) Sep. 9-10
  - (1) Sep. 29-30                      reference image                      S02A already fixed

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  - (1) Oct. 2                              reference image                      S02B
  - (2) Oct. 30-31                      search image                      Final schedule will
  - (2) Nov. 2-3                          search image                      be determined at
  - (3) Nov. 8-9                          follow-up image 1                      TAC (late July).
  - (4) Nov. 28-29                      follow-up image 2
  - (5) Dec. 6-7                          follow-up image 3
- **FOCAS**
  - Nov. 5-7, 11                      Twice in a dark run may be difficult.
  - Schedule may change significantly.
- **CISCO**
  - Nov. 14-19