

SCP Collaboration Meeting, Jun 5–7, 2006

LBNL, Room 50A–5132 (Mon, Wed) and Perservance Hall/Cafeteria (Tues)

Dial-in 510–486–7555

[AttendanceListJun06](#)

Preliminary version – as of 5/31/06

Mon Jun 5: Room 50A–5132

9:00 – 9:15 Introductions and Welcome

9:15 – 12:00 PARALLEL WORKING SESSIONS:

- A. Finishing the analysis of Subaru 2002 SNe: ground and space photometry **Room 50A–5132**
- B. SN Rates working group **Room 50B–6208**

12:00 – 1:15 Lunch in cafeteria

GENERAL SESSION Room 50A–5132

ALL TALKS 12'+8'

1:15 – 1:35 SCP Overview (Saul Perlmutter)

1:35 – 2:35 RESULTS FROM CLUSTER SEARCH

- Search status (Kyle Dawson)
- Lightcurves of cluster SNe (David Rubin)
- Subaru/FOCAS spectroscopy of HST cluster search (Tomoki Morokuma) See [Note](#) (HSTclusterSN/HSTclusterSN) (and see [Chris's summary](#) of spectroscopy follow-up at VLT)

2:35 – 3:15 SUBARU/HST DATASET AND 2001/HST DATASET

- 2002 SNe (summary of morning session)
- WFPC lightcurves 2001 SNe (Rahman Amanullah)

3:15–3:45 Break

3:45 – 5:30 HST PHOTOMETRY ISSUES

- WFPC photometry (Rahman details)
- NICMOS photometry (all datasets) and NICMOS data for Knop03 SNe (Vitaliy Fadeyev)
- ACS photometry (Nao Suzuki)
- Discussion (all)

6:30 Collaboration dinner at restaurant TBD

Tues Jun 6: Perseverance Hall (Cafeteria)

ALL TALKS 12'+8'

9:00 – 10:30 LIGHTCURVE FITTING & ANALYSIS PLANS

- Light curve fitting of nearby SNe (Naohiro Takanashi)
- "Stretch" is a stretch (Mark Strovink)
- Constructing the biggest SN Hubble diagram to date (Marek Kowalski)
- [SCPpublicationPlan06](#) (Saul Perlmutter)

10:30 – 11:00 Break

11:00 – 12:00 DISCUSSION OF METHODS: *What analyses are possible and necessary for the papers that use lightcurves, spectra, Hubble Diagrams and cosmology fits:*

- Lightcurve fitting
- K-corrections
- spectral templates

12:00 – 1:15 Lunch in cafeteria

1:15 – 2:30 RATES ANALYSES

- Clusters Rates analysis (Kyle Barbary)
- 2004 ACS and GOODS rates (Natalia Kuznetsova)
- SN rate from Suprime-Cam archived images (Takeshi Oda)
- Discussion

2:30 – 3:30 FUTURE PLANS & PROJECTS: *Ideas for the next advances in analyses (beyond current papers), e.g.:*

- spectral templates with evolution or SN subsets
- circumstellar dust vs. interstellar dust

3:30 – 4:00 Break (Special tea: farewell to Marek & Vitaliy – INPA ROOM 50-5026)

4:00 – 5:30 FUTURE PLANS & PROJECTS: *Observing*

- New Opportunities: new instruments, AO, etc (Chris Lidman)
- Current & pending proposals, ground and space
- ideas for future HST or Subaru searches

5:30 End of session

Wed Jun 7

9:00 AM – 12:00 PM: Room 50A-5132

9:00 – 10:00 FUTURE (con't)

- SNLS status (Reynald Pain)
- CMAGIC analysis of SNLS data (Gerson Goldhaber)

- Further discussion of future analysis concepts

10:00 – 12:00 SPECTROSCOPY SESSION:

- A spectrum template fitting method (Kouichi Tokita)
- BAO with FMOS, NIR fiber spectrograph (Tomonori Totani)

- **Break**

- Discussion:

- Remaining Cluster Search plans (all)
- Reduction pipelines (all)
- ACS grism data

- Continuation of topics from earlier discussions and planning

12:15 – 1:30 Lunch in cafeteria

1:30 Reconvene in **Perseverance Hall**

1:30 – 5:30 Working Session TBD

5:30 End of MEETING

Revision: r1.14 – 01 Jun 2006 – 04:40 – [TonySpadafora](#)

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