

SUPERNOVA COSMOLOGY PROJECT
Collaboration Meeting
July 22 - 24, 2004. LBNL
Perservance Hall (enter through LBL Cafeteria)
Agenda - version 3

Thursday July 22

- 9:00 AM** **Introduction, Goals for meeting**
 (:30) Goals, Review papers this year (Saul)
- 9:15 AM** **Albinoni & HST search (session coord: Greg)**
 (:10) Albinoni(SN1998eq) ground/WFPC2/NICMOS analysis (Vitaliy)
 (:10) HST Search high-z candidate ACS analysis(Rachel)
 (:10) HST Search high-z candidate NICMOS analysis (Natalia)
 (:10) k-correction framework (Rollin)
 (:50) *working session on these topics*
- 10:45 AM** (:15) **Break**
- 11:00 AM** (:1:00) *working session continued*
- 12:00 PM** **1:30 Lunch (need to vacate meeting room)**
- 1:30 PM** **2002 SNe (session coord: Mamoru)**
 (:05) 2002 Subaru SNe sample - brief summary (Mamoru)
 (:10) Follow-up photometry with Subaru (Naoki)
 (:10) Relative photometry with Subaru runs and AGN samples (Tomoki)
 (:10) Multi-color lightcurve fitting, new LC template (R, B+V, U) (Rob)
 (1:25) *working session on Subaru data set. Possible topics:*
 (1) *HST photometry to compare with Subaru photometry..*
 Rachel, Naoki, Tomoki
 (2) *spectroscopy/type updates .. Chris, Andy, Rachel, (Isobel);*
 ACS grism, Keck, Gemini results
 (3) *LC fitting (of multi color data).. Rob, Reynald, LiFan, Gerson, Naohiro,*
 continued discussions after a presentation by Rob?
 (4) *SNe with no spectroscopy, LC and photo-z*
- 3:30 PM** (:15) **Break**
- 3:45 PM** **2001 SNe and IR data (session coord.: Ariel)**
 (:10) ground-based IR of 2001 SNe (Chris)
 (:10) 2001 high-z SNe (Rahman)
 (:10) NICMOS data on Knop et al SNe (Vitaliy)
 (1:30) *working session on these topics*
- 5:45 PM** **End of Session**
- 6:30 PM** **Collaboration dinner at Pomegranate Restaurant, 1585 University Ave**
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Friday July 23

- 9:00 AM** **Systematics of $z > 1$ SNe Analyses (session coord: Rob)**
 (:10) Re-analysis of literature ACS SNe (Ariel)
 (:10) Weak lensing of SNe (Eric Linder)
 (1:20) *working session on these topics*
- 10:45 AM** (:15) **Break**

Friday July 23 (con't)

- 11:00 AM** **CMAGIC Analyses (session coord: Reynald)**
(:10) Multi-color CMAGIC (Gerson)
(:10) High-z CMAGIC blinded analysis (Alex C.)
(:40) *working session on CMAGIC*
- 12:00 PM (1:30) Lunch**
- 1:30 PM** **Future SCP Programs (session coord: Saul)**
(:10) Summary of other ongoing programs (Reynald)
(:10) SNLS (Andy)
(:10) Laser guide star AO, etc. (Chris)
(1:30) *working session on these topics*
- 3:30 PM (1:15) Break**
- 3:45 PM** **1999 low-z SNe and photometry techniques (session coord: Ariel)**
(:10) Photometry of 1999 low-z SNe (Marek)
(1:50) Everything you ever wanted to know about HST photometry, Ivanlight, etc.
(Tutorial coordinated by Rob)
- 5:45 PM** **End of Session**
- 6:30 PM** **Wine & Cheese at the Goldhabers (spouses, partners invited.)**
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Sat July 24

- 9:00 AM** **High-z SN Ia spectroscopy (session coord: Chris)**
(:10) Analysis of 1997/98 high-z spectroscopy data (Eric, Chris)
(:10) ACS/grism spectra (Rachel, Ariel/for Vallery in absentia)
(:10) Spectral classification (Andy)
(1:15) *working session on spectroscopy. Possible topics:*
 - *Observation and data reduction. Which techniques can we use to improve the quality of the data? Topics could include nod-and-shuffle versus IR-like observing techniques, 2d spectral deconvolution,*
 - *Classification. How reliably can we classify very high-z SNe if the Sill 4000 feature off the end of the spectral range. Can we use the Fell features in the UV?*
 - *Can we observe SNe Ia at $z=1.4$ from the ground? Would it help to pre-select candidates via photometric redshifts.*
- 10:45 AM (1:15) Break**
- 11:00 AM** **Future Analysis Concepts for existing data (session coord: Saul)**
(1:00) *working session on new ideas. Possible topics:*
 - *$z \sim 1$ rates (Reynald)*
 - *additional concepts for SN classification*
- 12:00 PM (1:30) Box lunch**
- 1:30 PM (2:45) Wrap-up Session**
Plan for remainder of afternoon and
Wrap-up of each of the working sessions with planning for the next 3-6 months
- 4:15 PM (1:45) Report back from working groups: Conclusions & general discussion**
- 5:00 PM** **ADJOURN**