Pre-Holiday HST Search Meeting :

1. AAS Poster Outline

2. Most Pressing Issues for Poster Paper

Table 1. # AAS Poster Outline

Section	Content
Introduction	How close this mimics our abstract will depend on what gets done between now and a few days before meeting.
Search Details	How search was done. How candidates chosen for follow-up. References built from GOODS. Search done with ACS z (with additional i). Decisions based on rough photo-z's + SN colors.
Follow-up Details	Table of Observations.

Table 1—Continued

Section	Content
Preliminary Photometry	Methodology. Systematics which need to be quantified for final analysis.
Preliminary Spectroscopy	May not be ready to show this.
Lightcurves	Fitting methods. Systematics which need to be quantified.
Application to Cosmology	Suspect we will simply place our SN(e) on Hubble plot and again, discuss the many

Table 1—Continued

Section	Content
	possible systematic errors that have or have not yet made it into our error estimate.
Additional Comment	Important to point out this is preliminary, but small details are getting sorted out.

Table 2. # Most Pressing Issues for Poster Paper

Issue :	must do
PSF fitting ACS z	Working on getting good image transformations.
Redshift via photometry	Mingus : Photo-z now seem more reliable, or at least consistent. Wiki page, Fig. 1, Fig. 2 Dolphy : Need the IR refs. Wiki page, Fig. 3 Alice C. : Spectrum is good SNR and matches 2nd peak in photo-z distribution. Just need to compare z=0.45ish to z=0.8ish SNe to understand this degeneracy. Wiki page, Fig. 3

Table 2—Continued

Issue :	must do
Redshift via spectroscopy	Nice to have an independent reduction of grism data, which we've begun working on.

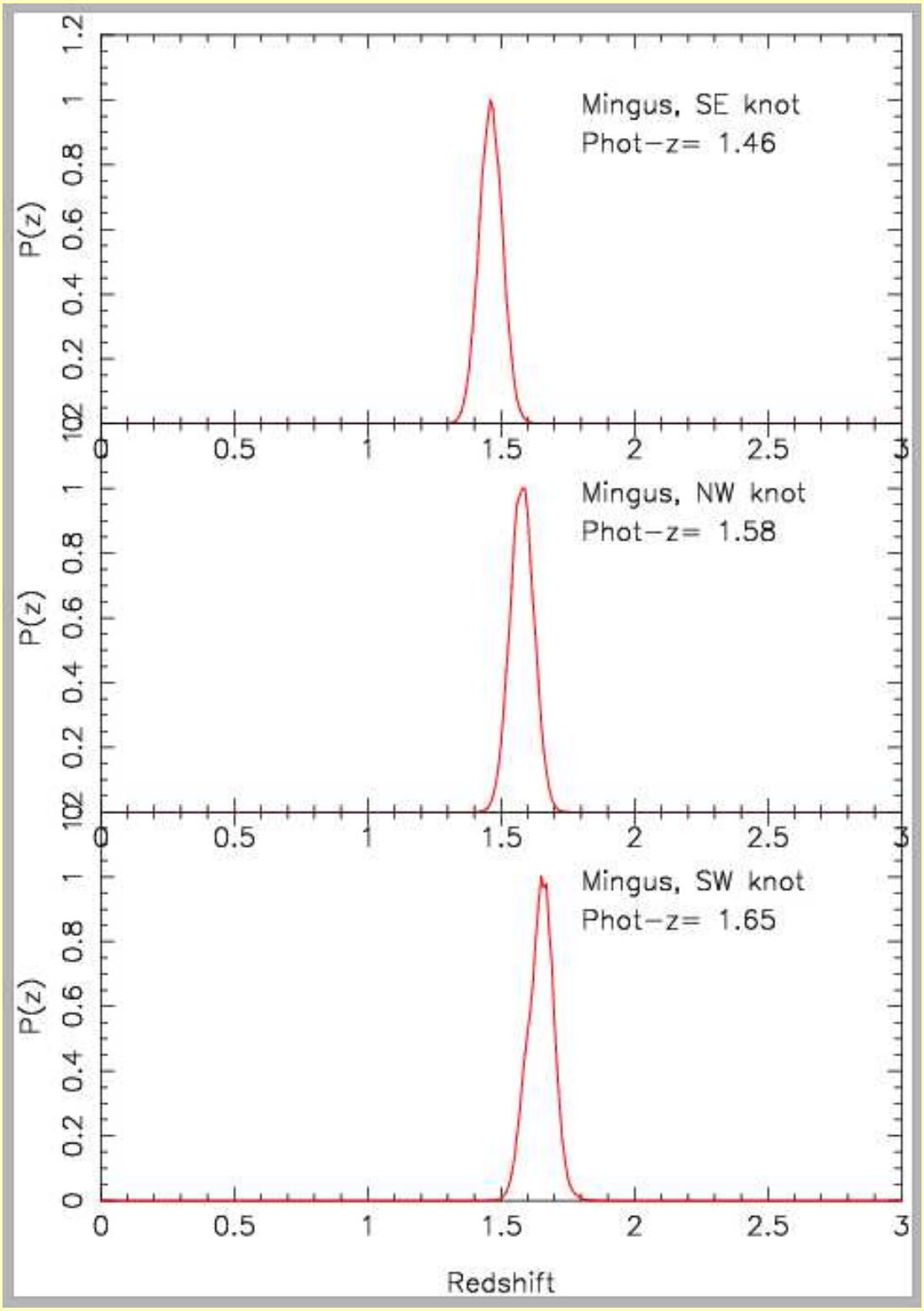

Mingus, SE knot
Phot−z= 1.46
Mingus, NW knot
Phot−z= 1.58
Mingus, SW knot
Phot−z= 1.65
P(z)
Redshift
0
0.5
1
1.5
2
2.5
3
0.2
0.4
0.6
0.8
1.2

Fig. 1.—

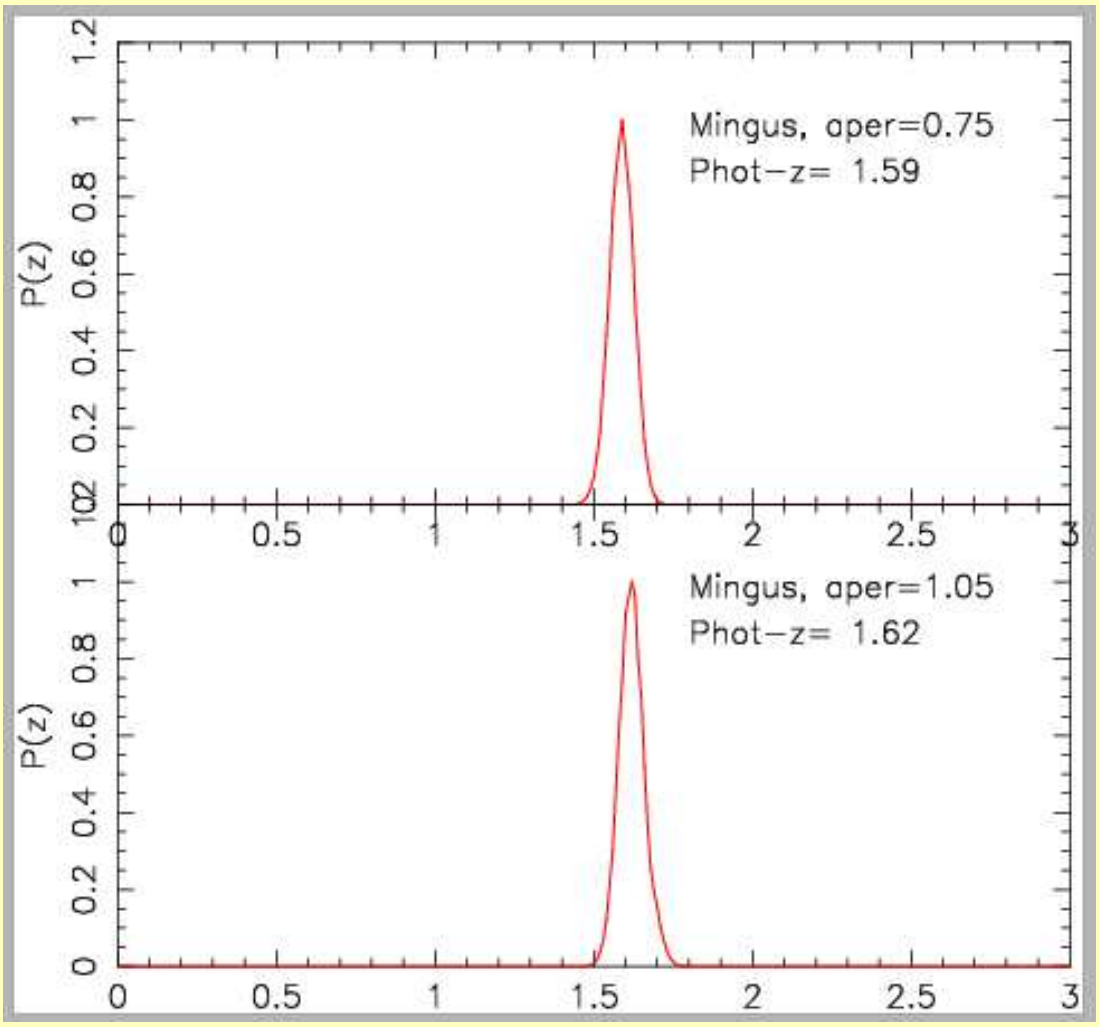
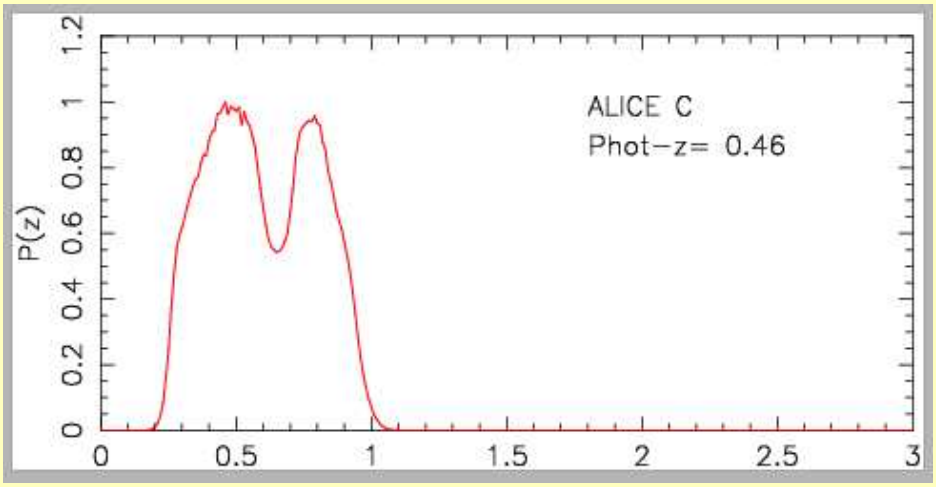
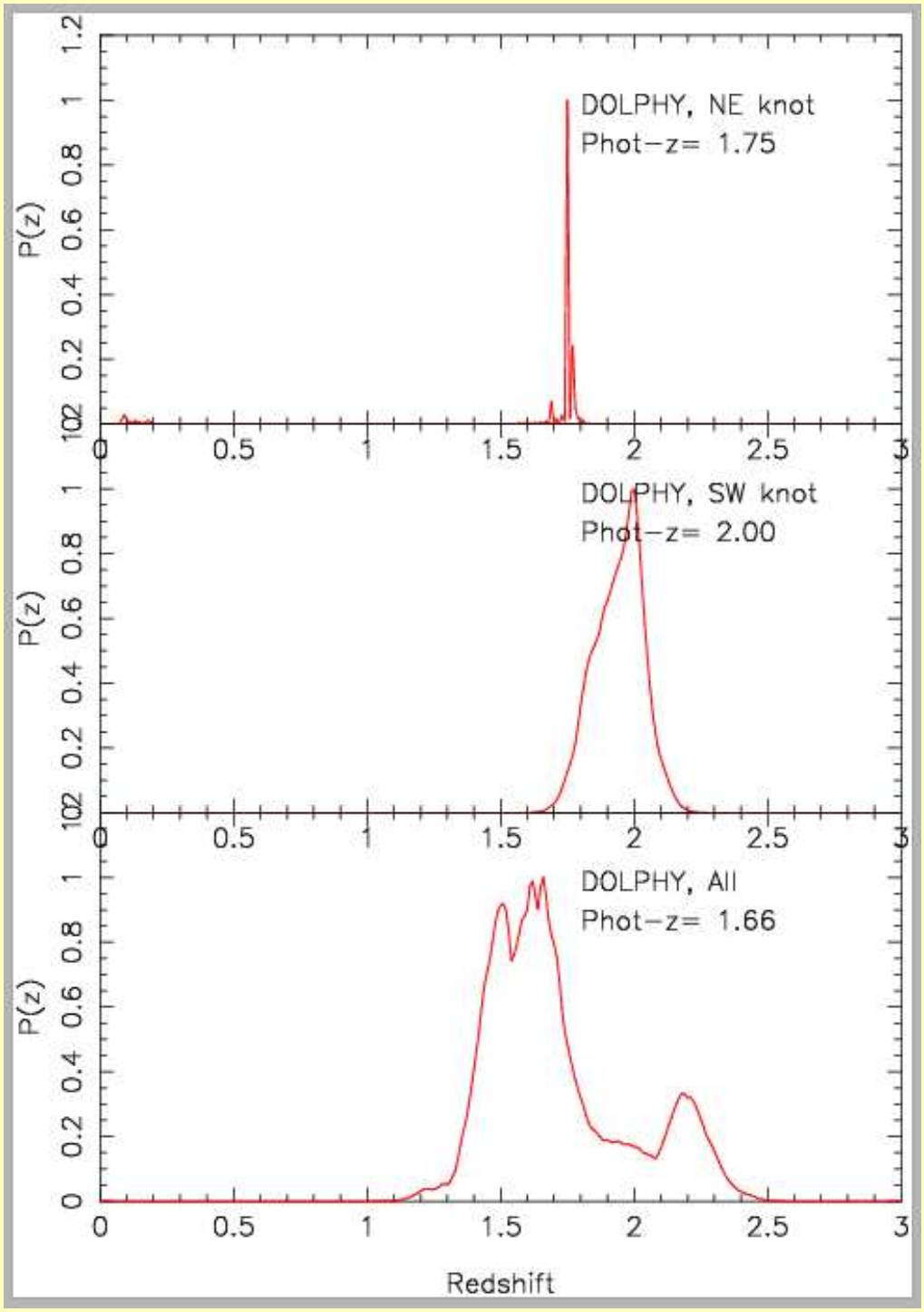

Mingus, aper=0.75
Phot−z= 1.59
P(z)
Mingus, aper=1.05
Phot−z= 1.62
P(z)
0
0.5
1
1.5
2
2.5
3
0.2
0.4
0.6
0.8
1
1.2

Fig. 2.—


ALICE C
Phot−z= 0.46
P(z)


DOLPHY, NE knot
Phot−z= 1.75
DOLPHY, SW knot
Phot−z= 2.00
DOLPHY, All
Phot−z= 1.66
P(z)
Redshift