Agenda

- - Start 9:00 on Tuesday 12 July

- - 9:00 - 9:15 Status and recent news (OLF)
- - 9:15 - 9:30 Status of data processing (OLF)
- - 9:30 - 10:00 Plan to complete processing (ALL)
-          - supercheck weeks
-          - database status
- - 10:00 - 10:20 News of VIPGI and KBRED+ (Garilli)
- - 10:20 - 11:15 Preparation of P75-P76 observations
-        - SINFONI (4 nights, 5-9 Sept)
-        - High-z LRBLUE
-        - WIDE ?
-        - Cluster z=1.47, FORS2
- (coffee break included)
- - 11:15 - 12:00 Next proposal(s): how to proceed for next round ?
- - 12:00 - 12:15 Priorities for science analysis (OLF)
- - 12:15 - 12:30 News on papers published / in press / submitted (OLF)
- Lunch
- - 14:00 - 18:00 Science analysis
-     - Mass function (Pozzeti)
-     - High-z galaxies (OLF)
-     - LD/SFR evolution (LF group):
-      - z<2
-      - per type
-      - z>2
-    - LF per environment (Ilbert)
-    - Evolution vs. local density (Iovino)
-    - LF global/per type compared to DEEP2

- Wed. 13 July:
- - 9:00 - 15:00 Science analysis, continued
    - Cross match with X-ray and Radio sources (Maccagni/Ciliegi)
    - Clustering per type (OLF)
    - Spectrophotometric analysis (Lamareille/Contini)
    - The reddest galaxies in the VVDS (OLF)
    - Bi-modality (Franzetti)
    - CFHTLS photometry in VVDS-02h, cosmic variance (McCracken)
    - Photometric redshifts: towards a paper ! (Ilbert)
- Lunch
    - SWIRE data: priorities for analysis (OLF)
    - Paper LSS Nature recycled to Science ? (Marinoni)
    - X ray and radio properties of high-z galaxies
    - AGN LF (Bongiorno)
- - Other: please forward titles !
    - Plan for next papers
- - 14:55 - 15:00 Next meeting

- - End: 15:00 on Wednesday 13 July

Epoch 2 data reduction
Current status

Field	Observed	Reduced	Super checked	Ready for VDB
F02	8	4 (4)	0 (0)	0
F10	18	13 (13)	5 (4 + 7 in progress)	3
F14	21	7 (6)	3 (3)	0
F22	36	28 (21)*	21 (16)	7

* 2 OMP and 6 LAM missing

Supercheck Sessions

- 7 so far (from 04/11 to 05/05)
- 29 fields superchecked, 4 pending from Toulouse 2005 February …

Epoch 2: Supercheck to completion

- 25 pointings to complete
- 5 super-check sessions
  - 16-19 August: 3+1 in Milan
  - 22-26 August: Marseille 3+2
  - October 17-21: Toulouse
  - November TBD: Bologna
  - December 12-16: Marseille 1+?

VVDS papers published

1. VVDS First epoch data and N(z) to IAB=24, Le Fèvre, Vettolani et al.
2. VVDS CDFS data release (Le Fèvre, Vettolani et al.)
3. VVDS Evolution of the global Luminosity Function out to z~2 from a complete sample of IAB<=24 galaxies (Ilbert et al.)
4. VMMPS (Bottini et al.)
5. VIPGI-MOS (Scodeggio et al.)
6. VIPGI-IFU (Zanichelli et al.)
7. VVDS Photometric properties of radio selected galaxies (Bondi et al.)
8. VVDS Methods for correlation function (Pollo et al.)
9. VVDS Evolution of the clustering of galaxies out to z~2 (Le Fèvre et al.)
10. Galex-VVDS UV LF, Arnouts, et al.
11. Galex-VVDS UV LD, Schiminovich, et al.
12. VVDS Evolution of the Bias out to z~1.5 (Marinoni et al.)
13. The JK band data (Iovino et al.)
14. VVDS Evolution of the LF of galaxies vs. spectral type out to z~2 (Zucca et al.)
15. High z population (Le Fèvre et al., Nature)
16. Radio sample properties (Ciliegi et al.)
17. Structures in CDFS (Adami et al.)

RED: published/submitted

VVDS papers: ready 1st September 05
(as decided for June 05 at last science meeting in April 05)

1. LSS up to z~1.5, Nature
2. VVDS Evolution of the luminosity density and star formation rate (Tresse et al)
3. VVDS Photometric redshifts of a sample of 100000+ galaxies from UBVRIJK data and spectroscopic training (Ilbert et al.)
4. VVDS QSO identification from IAB=24 sample (Gavignaud)
5. VVDS Evolution of the clustering of galaxies by type (Meneux et al.)
6. VVDS galaxy templates (Contini et al.)
7. VVDS First epoch WIDE spectroscopic data release (Garilli)
8. Color bi-modality in the VVDS (Franzetti et al.)
9. Mass function (Pozzetti et al.)
10. JK population + EROs (Iovino et al.)
11. LF of faint QSOs (Bongiorno et al.)
12. High-z population (Paltani, et al.)
13. High-z LF ?
14. CDFS morphology LF (Ilbert et al.)
15. CDFS morphological properties (Lauger et al.)
16. VVDS Evolution of the clustering vs. Luminosity (Pollo et al)
17. Structures in CDFS (Scaramella)

> **Highest priority**
> **published/submitted**
> **draft already in repository**
> **do as soon as possible**

VVDS papers: Sept 05

1. Spectrophotometry evol. properties (Contini, Lamareille et al)
2. VVDS-XMM: optical id. and properties of XMM sources (Maccagni et al.)
3. VVDS-SWIRE: data
4. VVDS-SWIRE: stellar LF, mass, SFR
5. VVDS-SWIRE: 24microns LF
6. VVDS-SWIRE: clustering, stellar mass
7. VVDS-SWIRE: clustering, 24 microns
8. VVDS-SWIRE: AGNs
9. VVDS-SWIRE: spectro-phot properties
10. LF as a function of environement (Ilbert et al.)
11. VVDS Evolution of the clustering from a volume limited (Guzzo et al.)
12. Type-density relation (Cucciati et al.)
13. Clustering of the UV-selected population (Meneux et al.)
14. J selected spectro sample ??
15. High order correlations (Cappi et al.)
16. VVDS database (Le Brun et al.)
17. Structures in VVDS-02h (Adami et al.)
18. LF from photoz
19. CFHLS-VVDS clustering (McCracken et al.)
20. LF with bi-modality (LF group)
21. Cluster at z=1.47 (Marinoni et al.)
22. Reddest galaxies in VVDS (Le Fèvre et al.)

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Other VVDS papers

- – KBRED: a redshift measurement tool for deep redshift surveys (Scaramella et al.)
- – VVDS XVII. A complete sample of high-z optically selected clusters (Adami et al.)
- – VVDS XX. Power spectrum evolution (Scaramella et al.)
- – VVDS Vbis. Evolution of the SFR, consolidating multi-wavelength info (Bologna, Marseille, al.)

White: do now !

High-z galaxies

Because of the magnitude selection, VVDS galaxies at 1.4<z<5 are probably the sum of:
- LBGs
- Galaxies selected by BzK (Daddi et al. 04, same uGR colors with red G-R)
- DRGs (Franx et al.)
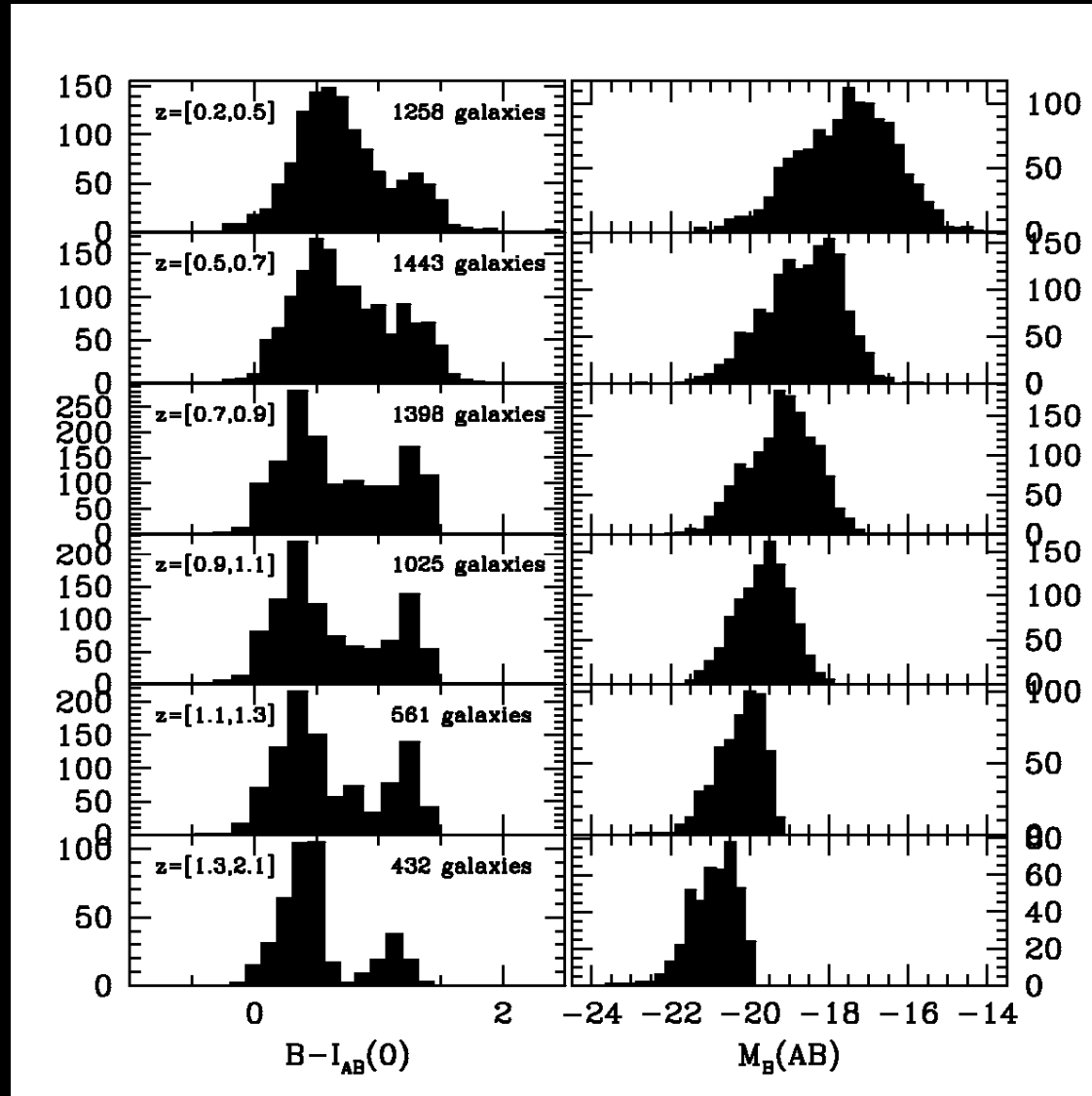- SMBGs (e.g. Chapman et al., 05)
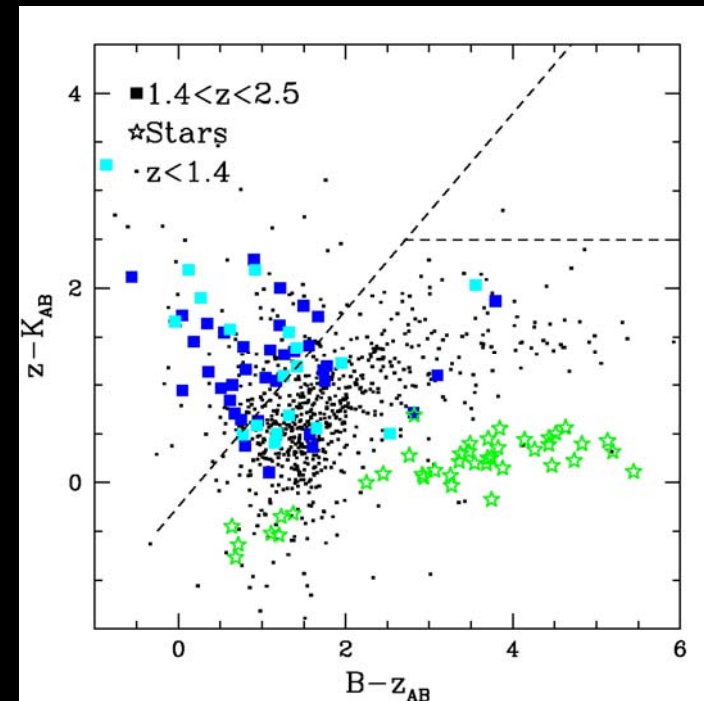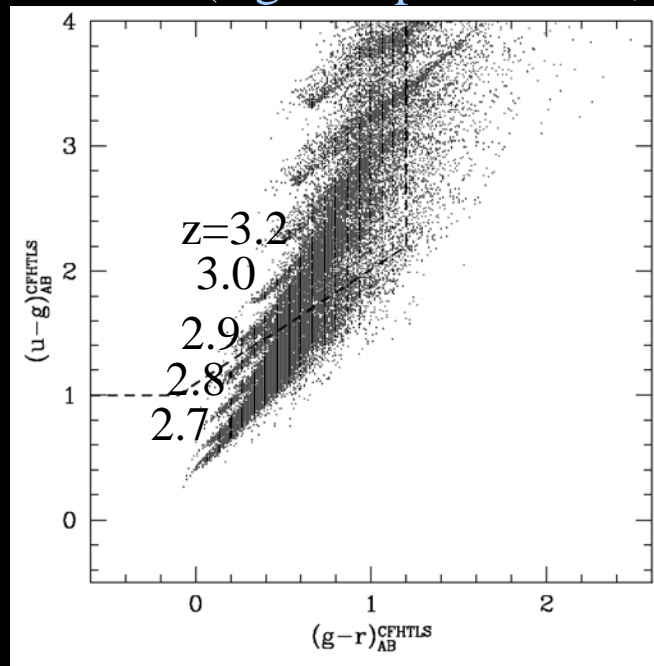
SED modelling is in progress

- Select the reddest galaxies at each redshift
- Make sum of spectra and mean SED
- Model the summed spectra with population synthesis to find age of last major burst / formation
- Compute the stellar mass of the reddest galaxies

2005

11

The reddest galaxies in the VVDS