

# Workshop on “*The High-Redshift Universe*”

June, 5<sup>th</sup>-6<sup>th</sup> (Aula 1)

## Tuesday, June 5<sup>th</sup>

11-11:30: Welcome with coffee

- 11:30: **A. Comastri:** *Welcome*  
**C. Vignali:** *Introduction and purpose of the meeting*  
**M. Brusa:** *X-ray selected QSOs at high redshift*  
**F. Vito:** *The population of  $z>3$  AGN in the 4Ms CDFS: obscuration and number counts*

13:30-14:30: lunch

- 14:30: **M. Nonino:** *Galaxies and AGN at redshifts 2-5*  
**G. Zamorani:** *High-z galaxies and AGN with Euclid*  
**R. Gilli:** *A combined X-ray/optical search for  $z\sim 6$  QSOs in wide area surveys*

16:00-16:30: coffee break

- 16:30: **S. Gallerani:** *Gas and dust in high-z AGN*  
**M. Cappi:** *High-z UFOs*  
**N. Cappelluti:** *The nature of the unresolved extragalactic soft CXB: speculations on AGN at  $z>7.5$*   
**F. Shankar:** *Modeling the population of high-z AGN*

18:45: End of the first day of workshop

20:30: Social dinner

## Wednesday, June 6<sup>th</sup>

- 9:30: **F. Fiore:** *Evolution of the AGN luminosity function and BH demography at high-z*  
**L. Pentericci:** *High redshift radio-galaxies as tracers of proto-clusters*  
**M. Mignoli:** *An LBT search for galaxy overdensities around  $z\sim 6$  QSOs*

11-11:30: coffee break

- 11:30: **A. Grazian:** *Selection of galaxies at high-z: techniques and datasets*  
**A. Fontana:** *High-z galaxy luminosity function and evolution*  
**P. Rosati:** *High-z lensed galaxies with CLASH*  
**E. Giallongo:** *Cosmic reionization: galaxies vs. QSOs*

13:30-14:30: lunch

14:30: Discussion/Summary and actions

16:30: End of the workshop

**Thursday, June 7<sup>th</sup>:** h 14-15, Seminar room : Colloquium by **E. Vanzella:** “*Sources of hydrogen reionization: observational constraints and open issues*”