

Cosmological Reionization

Feb.16, 2010 (Tuesday)

9:15	9:30	Welcome	
9:30	10:05	George Becker	<i>What We're Learning About Reionization from IGM Enrichment?</i>
10:05	10:40	R. Srianand	<i>Probing high-z galaxy formation and evolution with quasar absorption lines</i>
10:40	11:10	Tea/Coffee Break	
11:10	11:30	Alex Peter Calverley	<i>Measurements of the UVB using the proximity effect at $z > 5$</i>
11:30	11:50	Sowgat Muzahid	<i>Probing the High Redshift IGM through OVI absorption</i>
11:50	12:25	Tomonori Totani	<i>Probing Reionization by Gamma-Ray Bursts</i>
12:25	12:45	Simona Gallerani	<i>Constraining reionization through quasars and gamma-ray bursts absorption spectra</i>
12:45	14:00	Lunch	
14:00	14:35	James Bolton	<i>Reionization and the Lyman-alpha forest</i>
14:35	15:10	Claude-Andre Faucher-Giguere	<i>The Cosmic Ionizing Background</i>
15:10	15:30	Sebastiano Cantalupo	<i>Quasar proximity regions in Ly-alpha emission and absorption during Reionization</i>
15:30	15:50	Antonella Maselli	<i>Applying the Apparent Shrinking Criterion to new Quasar Spectra: Tentative Measurement of Neutral Hydrogen at $z \sim 6.4$</i>
15:50	16:10	Gabor Worseck	<i>Probing Hell reionization with GALEX-selected quasar sightlines in the HST/COS era</i>
16:10	16:40	Tea/Coffee Break	
16:40	17:15	Gil Holder	<i>CMB constraints on reionization scenarios</i>
17:15	17:35	Marian Douspis	<i>Planck and the EoR</i>
17:35	18:25	Patrick Petitjean	<i>Discussion</i>
18:25		Tea/Coffee	

Feb.17, 2010 (Wednesday)

9:15	9:50	Frank Briggs	<i>Upcoming instruments to probe reionization</i>
9:50	10:25	Ue Li Pen	<i>Status of search for redshifted 21cm emission from the epoch of reionization</i>
10:25	11:00	Ravi Subrahmanyam	<i>Status of EoR monopole measurement</i>
11:00	11:30	Tea/Coffee Break	
11:30	11:50	Prasun Dutta	<i>Using visibility correlation in measuring power spectrum and bispectrum of HI intensity fluctuation</i>
11:50	12:25	Masami Ouchi	<i>High Redshift Galaxies as Probes of Reionization</i>
12:45	14:00	Lunch	
14:00	14:35	Rychard Bouwens	<i>Galaxy Build-up and Evolution at $z \geq 7$: Early results from ultra-deep WFC3/IR observations of the HUDF and ERS fields</i>
14:35	14:55	Pratika Dayal	<i>Probing the interplay between high-redshift galaxy evolution and reionization using Lyman Alpha Emitters</i>
14:55	15:30	Stuart Wyithe	<i>Semi-Analytic Models of Hydrogen Reionization</i>
15:30	16:00	Tea/Coffee Break	
16:00	16:35	Andrea Ferrara	<i>Sources of ionizing photons: First galaxies, stars, black holes</i>
16:35	16:55	Sourav Mitra	<i>On Formation rates of dark matter haloes</i>
16:55	17:45	K. Subramanian	<i>Discussion</i>
17:45	Tea/Coffee		

Feb.18, 2010 (Thursday)

9:15	9:50	Benedetta Ciardi	<i>Feedback effects in the high redshift universe</i>
9:50	10:25	Garrelt Mellema	<i>Simulating cosmological H reionization</i>
10:25	10:45	Ilian Iliev	<i>Early Cosmological Structures and their Radiative Feedback</i>
10:45	11:15	Tea/Coffee Break	
11:15	11:50	Tom Theuns	<i>Galaxy formation at $z>6$</i>
11:50	12:25	Ben Oppenheimer	<i>Chemically Enriching the Reionization-Epoch IGM: What, When, and How?</i>
12:25	12:45	K. Subramanian	<i>Cosmic ray driven outflows from high redshift galaxies</i>
12:45	14:00	Lunch	
14:00	14:20	Mathieu Langer	<i>Generation of magnetic fields during reionization</i>
14:20	14:40	Carmelo Evoli	<i>The turbulent InterGalactic Medium</i>
14:40	15:00	Elizabeth Fernandez	<i>Escape Fraction from Early Galaxies</i>
15:00	15:20	Jan-Pieter Paardekooper	<i>The escape fraction from high redshift dwarf galaxies</i>
15:20	15:40	Saumyadip Samui	<i>Semi-analytical model of high redshift galaxy luminosity functions</i>
15:40	16:10	Tea/Coffee Break	
16:10	16:30	Girish Kulkarni	<i>Reionization and the environments of high-redshift QSOs</i>
16:30	16:50	Jakob van Bethlehem	<i>Different luminosity recipes in reionization simulations</i>
16:50	17:40	Andrea Ferrara	<i>Discussion</i>
17:40	Tea/Coffee		
18:00	Presentation by NVidia		
19:30	Banquet		

Feb.19, 2010 (Friday)

9:15	9:50	Tirthankar Roy Choudhury	<i>Observational Constraints on Reionization</i>
9:50	10:25	Patrick Petitjean	<i>Cold gas at high redshift: The ISM of high-z galaxies</i>
10:25	10:55	Tea/Coffee Break	
10:55	11:30	Jayaram Chengalur	<i>Searching for HI emission from distant galaxies</i>
11:30	11:50	Tapomoy Guha Sarkar	<i>Cross-Correlation Studies Using Redshifted 21cm Radiation from the Post-Reionization epoch</i>
11:50	12:10	Sanjay Pandey	<i>Statistical Analysis of Redshifted Neutral Hydrogen</i>
12:10	12:30	Abhik Ghosh	<i>Towards detecting the 21cm HI signal from $z=1.32$ with GMRT observation</i>
12:30	14:00	Lunch	
14:00	14:20	Anna Raiter	<i>Observational characteristics of stellar sources of (re)ionizing radiation</i>
14:20	14:40	Katherine Mack	<i>Exotic Physics in the Dark Ages</i>
14:40	15:00	Marcos Valdes	<i>Constraining DM through 21cm observations</i>
15:00	15:20	Chael Kruij	<i>The influence of Helium and dust on reionization</i>
15:20	15:50	Tea/Coffee Break	
15:50	16:25	J. S. Bagla	<i>Probing the high redshift universe with the hyperfine transition of $^3\text{HeII}$</i>
16:25	16:45	Claudia Scoccola	<i>Carbon monoxide line emission as a CMB foreground</i>
16:45	17:35	Garreht Mellema	<i>Discussion</i>
17:35	Tea/Coffee		

Feb.20, 2010 (Saturday)

9:15	9:50	Sivarani Thirupathi	<i>Metal poor stars and the origin of carbon in the early Universe: Implications on the early IMF</i>
9:50	10:25	Somnath Bharadwaj	<i>EoR Detection Strategies</i>
10:25	10:55	Tea/Coffee Break	
10:55	11:15	Kanan Datta	<i>Matched filter search for ionized bubbles in redshifted 21-cm maps</i>
11:15	11:35	Suman Majumdar	<i>Detectibility of Anisotropic HII Bubbles Using Matched Filter Technique</i>
11:35	12:05	Ravi Subrahmanyam	<i>Conference Summary: An Observer's Perspective</i>
12:05	12:35	Stuart Wyithe	<i>Conference Summary: A Theorist's Perspective</i>
12:35	Closing Remarks		
13:00	Lunch		