

Cosmic Physics and Dark Energy... : Parallel Schedule

Parallel 3 May 30: The Early Universe

1. 20': **[245]** *Inflation ends, what is next?*
Mustafa Amin, Rice U
2. 20': **[154]** *Using microhalos to probe the Universe's first second*
Adrienne Erickcek, UNC
3. 20': **[26]** *Cosmology with a helical flavor*
Mohamed Anber, Lewis & Clark
4. 20': **[344]** *Cosmological probes of dark matter*
Vera Gluscevic, IAS
5. 20': **[306]** *Self-interacting dark matter and diverse galactic rotation curves*
Hai-Bo Yu, UC Riverside

Parallel 4 May 30: 21 cm Cosmology and LIGO

1. 20': **[29]** *Searching for dark matter at the cosmic dawn*
Julian Munoz, Harvard
2. 20': **[246]** *A particle physicist's perspective on the EDGES anomaly*
Sam McDermott, FNAL
3. 20': **[188]** *Realizing the promise of 21 cm Cosmology with HERA*
Josh Dillon, UC Berkeley
4. 20': **[88]** *21 cm dark energy cosmology with CHIME*
Laura Newburgh, Yale U
5. 20': **[33]** *Gravitation wave transient astronomy on the rise*
Chris Pankow, Northwestern
6. 20': **[27]** *Did LIGO detect dark matter?*
Simeon Bird, UC Riverside
7. 20': **[288]** *The cosmic origin of the heavy elements: Implications from the neutron star merger GW170817*
Daniel Siegel, Columbia U

Parallel 6 May 31: Cosmological Surveys

1. 30': **[329]** *Recent results from the Dark Energy Survey*
Eric Baxter, U of Pennsylvania
2. 30': **[19]** *The eBOSS survey: recent results and prospects*
Anand Raichoor, EPFL
3. 30': **[266]** *Cosmology with the Atacama Cosmology Telescope*
Simone Aiola, Princeton
4. 30': **[211]** *BICEP/Keck: Constraining the primordial gravitational-wave signal with CMB polarization observation from the South Pole*
Lorenzo Moncelsi, Caltech
5. 30': **[325]** *The Simons Observatory and CMB-Stage IV*
Nicholas Galitzki, UCSD