



# Nine Billion Years of Neutral Gas Evolution

## Monday, July 29, 2019

### Theory (and related observations) [chair: Romeel Dave] - Eridanus Auditorium (1:35 PM - 3:05 PM)

time	[id] title	presenter
1:35 P	<del>M</del> 5] From the ISM to the gas around galaxies: perspective from numerical simulations	KERES, Dusan
2:05 P	<del>M</del> 7] Galaxy formation with feedback from individual stars	NAAB, Thorsten
2:25 P	<del>M</del> 11] The effects of local stellar radiation on non-equilibrium ISM chemistry and ISM line diagnostics	RICHINGS, Alex
2:45 P	<del>M</del> 9] The evolution of the interstellar medium in merging galaxies	MORENO, Jorge

### Theory (and related observations) [chair: Romeel Dave] - Eridanus Auditorium (3:35 PM - 4:55 PM)

time	[id] title	presenter
3:35 P	<del>M</del> 7] Prevalence of neutral gas in centres of merging galaxies	DUTTA, Rajeshwari
3:55 P	<del>M</del> 7] The startling dynamics of HI-rich ultra-diffuse galaxies	MANCERA PIÑA, Pavel
4:15 P	<del>M</del> 20] How can HI dynamics be used to probe the connection between galaxies and their dark matter halos over cosmic time?	LELLI, Federico
4:35 P	<del>M</del> 24] How HI populates haloes: simulations vs. observations	CHAUHAN, Garima