

Science in our Own Backyard with WFIRST

18-20 June 2019, Caltech

Wednesday June 19

<i>Start</i>	<i>End</i>	<i>(min)</i>	<i>speaker</i>	<i>title</i>
8:30	9:00	0:30		posters

Chair: Allyson Shefield

9:00	9:30	0:30	Ting Li	Dwarf galaxies and Stellar Streams in the Era of Gaia and WFIRST
9:30	9:45	0:15	Sal Wanying Fu	The Dynamical History of the the Feeble Giant, Crater II
9:45	10:00	0:15	Carl Grillmair	Probing Galactic Structure with WFIRST Proper Motions
10:00	10:15	0:15	Sean Fillingham	Characterizing Satellite Quenching in the Local Group
10:15	10:30	0:15	Karoline Gilbert	The Power of Wide Fields for Revealing the Past, Present and Future of the Andromeda Galaxy
10:35	11:05	0:30		coffee break/poster viewing

Chair: Shea Garrison-Kimmel

11:05	11:15	0:10	Poster Pop Ups	
11:15	11:30	0:15	David Hendel	Analysis of stellar halo substructure morphology with WFIRST
11:30	11:45	0:15	Lydia Elias	Stellar Halos in Illustris and the Milky Way Merger with Enceladus
11:45	12:00	0:15	Andrew Wetzel	Simulating the Milky Way
12:00	12:15	0:15	Ethan Jahn	Ultra-faint dwarf companions of LMC analogs in FIRE
12:20	13:35	1:15		lunch

Chair: Tom Megeath

13:40	13:55	0:15	Andrew Graus	Using dwarf galaxy stellar age gradients to understand stellar feedback in the era of WFIRST
13:55	14:10	0:15	Laura Sales	The formation of ultra-diffuse galaxies by tidal disruption and their globular clusters content
14:10	14:25	0:15	Omid Sameie	Self-Interacting Dark Matter Subhalos in the Milky Way's Tides
14:25	15:25	1:00	Discussion	Getting the Best Science out of WFIRST - chair: Scott Gaudi
15:30	16:00	0:30		coffee break/poster viewing

Chair: Tiffany Meshkat

16:05	16:35	0:30	Rachel Beaton	Distances Here, There, and Everywhere
16:35	16:50	0:15	Raja GuhaThakurta	WFIRST and Ground-based Spectroscopy: A Powerful Combination for Near-field Cosmology
16:50	17:05	0:15	Benjamin Williams	The WFIRST Infrared Nearby Galaxy Survey