UC SANTA BARBARA
Kavli Institute for Theoretical Physics

**The Galaxy-Halo Connection Across Cosmic Time: Recent Updates**
**Flash Talks**
**Thursday August 6 and Friday August 7**
**3 minutes talk with 2 minutes for questions, 10:00 AM PDT (UTC – 7) to 10:45 AM PDT**

Thursday Flash Talks:

- "H_0 from strong lenses and the role of the galaxy - halo connection" - Simon Birrer
- "The Edge of the Galaxy" - Alis Deason
- "Analyzing the Effect of Baryons on Dark Matter Halo Density Profiles in IllustrisTNG" - Samuel Goldstein
- "Taking HOD modeling to the next level: comparisons to hydrodynamic simulations - Gillian Beltz-Mohrmann
- "The manifestation of secondary bias on the galaxy population from TNG300" - Antonio D. Montero-Dorta
- "Lensing without borders" - Alexandra Amon
- "Evolution and mass dependence of the conditional luminosity function of red galaxies in clusters" - Chun-Hao To
- "Modeling Redshift Space Clustering with Abundance Matching" - Joseph DeRose
- "A semi-analytical perspective of the evolution of luminous red galaxies throughout cosmic history" - Doris Stoppacher

Friday Flash Talks:

- "Quantifying Scatter in Galaxy Formation at the Lowest Masses" - Ferah Munshi
- "Demographics of Milky Way Satellite Populations with TNG50" - Christoph Engler
- "Dark Matter Amok in Ultra-Diffuse Galaxies" - Aaron Romanowsky
  "Galaxy Assembly Bias in Velocity-Space" - Kevin McCarthy
- "The Merian Survey: Characterizing Dark Matter, Feedback, and Black Holes in Star-Forming Dwarf Galaxies" - Yifei Luo
- "The Formation Times and Building Blocks of MW-mass Galaxies in the FIRE Simulations" - Isaiah Santistevan
- "A flexible modelling of galaxy assembly bias" - Sergio Contreras
- "Dissecting and modeling galaxy assembly bias" - Xiajo Xu
- "Self-quenching of low mass galaxies in isolation" - Claire Dickey