Community Astrophysics with WFIRST
(Feb 29 - March 2, 2016, Pasadena, CA)

Monday, February 29

8:00  **Poster viewing, Coffee, meeting check in**
9:00  L. Armus – Welcome, logistics
9:15  N. Gehrels – WFIRST project status and updates
9:40  D. Spergel – The WFIRST Wide Field Imager
10:00 J. Kasdin – The WFIRST Coronagraph

10:25  **Break**

10:55  R. Cutri – IPAC WFIRST Science Center activities
11:20  R. van der Marel – STScI WFIRST Science Center activities
11:45  J. Colbert – WFI Grism Simulations
12:00  S. Casertano – Planning and Analyzing WFIRST Grism Data

12:20  **Lunch**

13:40  Y. Wang – Cosmology from the WFIRST High Latitude Survey
14:05  B. Robertson – Galaxy Formation and Evolution Science with WFIRST
14:30  S. Malhotra – WFIRST Observations of High Redshift Galaxies
14:55  S. Furlanetto – WFIRST and Reionization

15:15  **Break**

15:50  B. Willman – WFIRST Science in the Era of LSST
16:15  P. Capak – Developing a Detailed Picture of Galaxy and Dark Matter Evolution with WFIRST
16:30  Y. Mellier – The Euclid-WFIRST Complementarity
17:05  J. Kalirai – Preparing for JWST
17:30  S. Miyazaki – Subaru WFIRST Synergies for Deep and Wide Surveys

Tuesday, March 1

8:00  **Poster viewing, Coffee, check in**
9:00  Y. Dai – The Power of Infrared Grism Surveys – Insights from the WISP Survey
9:30  P. Appleton – The Role of Shocks and Turbulence in Dense Group Environments at 1.5 < z < 2.5 with WFIRST
9:45  T. Treu – Strong Lensing with WFIRST
10:10  L. Abramson – Probing Paradigms in Galaxy Evolution with WFIRST

10:30  **Break**
11:00  S. Driver – Bridging the Gap: The Evolution of Mass, Energy and Structure from z=0 to z=1.5
11:15  D. Trilling – Solar System Science with WFIRST
11:40  W. Traub – Coronagraph Science Studies by the WFIRST Preparatory Science Teams
12:00  L. Pueyo – GO Science with the WFIRST Coronagraph Instrument

12:30  Lunch

13:00  N. Lewis – Optimizing WFIRST Coronagraph Science
14:15  M. Turnbull – Detecting and Characterizing Exoplanets with the WFIRST Coronagraph: Colors of Planets in Standard and Designer Bandpasses
14:40  A. Shporer – WFIRST Can Do It Too: On the Discovery of Transiting Planets and Binary Stars with WFIRST
15:10  G. Bryden – Debris Disk Observations with WFIRST

15:30  Break

16:00  D. Spergel – Astrometry with WFIRST
16:15  B. Williams – The WFIRST Infrared Nearby Galaxy Survey
16:40  J. Kalirai – Resolving the Milky Way with WFIRST
17:05  J. Dalcanton – WFIRST & Nearby Galaxies: Lessons Learned from Previous Wide-Field Surveys
17:20  R. Sanderson – The WFIRST View of the Milky Way’s Stellar Halo
17:35  R. Beaton – That Other Way to Measure H0: A Perspective for Precision Distances in the NIR with WFIRST

18:00  Reception at the Hilton

Wednesday, March 2

8:00  Poster viewing, Coffee, check in
9:00  R. Foley – Optimizing the WFIRST Supernova Survey
9:25  D. Law – IFU Spectroscopy with WFIRST
9:50  B. Cenko – Time Domain Astronomy with WFIRST
10:15  S. Van Dyk – Time Domain with a WFIRST Nearby Galaxy GO Program

10:35  Break

11:10  D. Whalen – Constraining the Properties of the First Stars with WFIRST
11:25  L. Yan – Superluminous Supernovae at High Redshifts with WFIRST
11:40  S. Gaudi – The WFIRST Microlensing Survey
12:05  R. Street – Stimulating Microlensing Research with WFIRST

12:25  Lunch

13:45  A. Gould – Non-Microlensing Science from WFIRST Microlensing
14:10  R. Benjamin – WFIRST: Opening New Frontiers in our Understanding of the Milky Way
14:35  E. Furlan – HST/WFC3 Surveys of Nearby Molecular Clouds: A Pathfinder for WFIRST Observations of Star Formation in the Nearest 2 Kpc
14:50  S. Carey – Investigating the Gas and Dust Content of our Galaxy at High Resolution
15:05  G. Wilson – Prospects for Galaxy Clusters and AGN with WFIRST
15:25  **Break**

15:55  M. Postman – The WFIRST Archive: An Astrophysics Discovery Machine

16:20  S. Heap – Cosmic Origins Science Enabled by the WFIRST Archives

16:35  M. Schneider – Joint Analysis of WFIRST and LSST Imaging for Photometric Redshift Inferences in the Lensing Survey

16:50  G. Snyder – Mock Observations and Galaxy Morphology Statistics from Cosmological Hydro Simulations