Astronomy Opening Workshop
August 22 – 26, 2016
POSTERS

Ethan Anderes
University of California, Davis

"Quadratic Estimation of Random Field Non-Stationarity"

Shami Chatterjee
Cornell University

"Fast Radio Bursts: Needles in a very big haystack"

Colin Eubanks
Carnegie Mellon University

"Exploring the Intergalactic Medium"

Eric Feigelson
Pennsylvania State University

"Kepler Auto Regressive Planet Search"

Peter Freeman
Carnegie Mellon University

"Methods for Analyzing the High-Dimensional Space of Galaxy Image Summary Statistics"

Antigoni Georgiadou
Florida State University

"Parameter Fitting in Stellar Evolution"

V. Zachary Golkhou
Arizona State University

"Uncovering Meaningful Timescales of Astrophysical Phenomena"

Shiyuan He
Texas A&M University

"Period Estimation for Sparsely-Sampled Quasi-Periodic Functions: Application to Mira Variable Stars"

Sheila Kannappan
University of North Carolina

“The REsolved Spectroscopy Of a Local VolumE Survey and its Environment COntext Catalog”

Vivek Kohar
North Carolina State University

“Nonlinear Dynamical Analysis of RR Lyrae in Kepler Field of View”

Tom Loredo
Cornell University

“Light Curve Demography via Bayesian Functional Data Analysis”

Rafael Martínez-Galarza
Harvard-Smithsonian Center for Astrophysics

“Classifying the Early Stages of Star Formation: Statistical Completeness of Infrared Sources via a Machine-Learning Algorithm”

Jackeline Moreno
Drexel University

“Does Sampling Cadence in AGN Variability Studies Warp our Dynamic Picture of the Accretion Disk?”

Mugdha Polimera
University of Florida

“A Statistical Approach to Selecting Active Galactic Nuclei from Spitzer Survey Data”

Jeffrey Regier
University of California, Berkeley

“Celeste: Variational inference for generative models of astronomical images”

Hanno Rein
University of Toronto

“REBOUND, Open Source N-body Code for Planetary Dynamics”

Lourdes Verdes-Montenegro Atalaya
Instituto de Astrofisica de Andalucía (CSIC)

“Application of Asteroseismology Methods to SETI Time Series: Connectivity”

Daniel Wysocki
Rochester Institute of Technology

“Decomposing Astronomical Time Series using Empirical Mode Decomposition”

Wenlong Yuan
Texas A&M University

"A Mira Search in M33: Apply Gaussian Process and Machine Learning Methods on Time-Series Data"