

**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"