

Texas Astronomy Undergraduate Research Symposium
 Hosted by Texas A&M University Department of Physics and Astronomy
 September 14, 2012

Schedule of Talks

9:00	Breakfast		
9:45	Welcome		
10:00	James Diekmann III	University of Texas at Austin	The Morphology of Double-peaked Active Galactic Nuclei
	Tyler Behm	Texas A&M University	SVD Imputation of Missing Solar Differential Rotation Data
	Steven Silverberg	Rice University	Magnetic Field Measurements on Flare Stars
	Alexander Robles	University of Texas at Austin	Studying Modes of Pulsation in Delta Scuti Variable Stars
10:50	Break		
11:20	Kathryn Powell	Rice University	VIRUS-P Integral Field Spectroscopy of NGC 3310
	Michael Allen	Texas A&M University	MooSci: A Lunar Scintillometer
	Arina Rostopchina	University of Texas at Austin	Analysis of pulsations of Delta Scuti stars measured by the Kepler spacecraft
	Justin Hickey	University of Texas at Austin	Right Time, Right Place, Big Science: Time Series Photometry of Accreting FU Orionis-type Protostars
12:10	Lunch		
1:30	Sarah Frazier	Rice University	Charging Behavior of Dust Aggregates in a Cosmic Plasma Environment
	Renata Violante	University of Texas at Austin	Improved Yttrium and Zirconium Abundances in Metal-Poor Stars
	Anna Wright	Rice University	Inference of Magnetic Field Strength through Interstellar Shock Wave Simulation
	Will Barnes	Baylor University	Dust Grain Growth in a Protoplanetary Disk: Effects of Location on Charge and Size
2:20	Break, group picture		
2:50	Jose Govea	University of Texas at Austin	Chemical Abundances of RRc Lyrae stars
	Sharad Jones	Rice University	A Time Series Spectroscopic Analysis of the Stellar Jet HH444
	Joseph Glover	Texas A&M University	Constructing An Aluminizing Chamber
	Pablo Alvarez	University of Texas at Austin	Kepler Astroseismology: P & G Modes
3:40	Closing		
4:00	Munnerlyn Lab tour		