



2014 SAO Astronomy Intern Symposium

Wednesday August 13, 10:00am-4:00pm

Phillips Auditorium

Harvard-Smithsonian Center for Astrophysics

- 10:00am **Welcome**, preceded by refreshments at 9:45am
- 10:10am **Optimizing X-ray Optics for Planetary Science Missions**
Nicole Melso (Penn State)
Advisers: Drs. Suzanne Romaine, Jaesub Hong
- 10:30am **Finding X-ray Coronal Cycles in Low Mass Stars**
Maurice Wilson (Embry-Riddle Aeronautical University)
Advisers: Dr. Moritz Guenther, Ms. Katie Auchettl
- 10:50am **Testing Stellar Evolution Models: Absolute Dimensions of the Low Mass Eclipsing Binary Star V651 Cassiopeiae**
Allison Matthews (Lafayette College)
Adviser: Dr. Guillermo Torres
- 11:10am **Break**
- 11:25am **The Milky Way Skeleton**
Catherine Zucker (University of Virginia)
Advisers: Dr. Cara Battersby, Prof. Alyssa Goodman
- 11:45am **Searching for Proper Motion Brown Dwarfs in the Mid-Infrared**
Zequn (Zack) Li (Swarthmore)
Advisers: Drs. Matt Ashby, Joe Hora
- 12:05pm **Searching for Distant Galaxies with HST and Spitzer**
Peter Senchyna (University of Washington)
Advisers: Drs. Matt Ashby, Joe Hora
- 12:25pm **Lunch Break**
- 2:00pm **Discovery of Compact Quiescent Galaxies at Intermediate Redshifts in DEEP2**
Kirsten Blancato (Wellesley)
Advisers: Drs. Igor Chilingaryan, Ivana Damjanov, Sean Moran
- 2:20pm **Investigating AGN Contribution to Infra-red Luminosity of Merging Galaxies**
Lee Rosenthal (Haverford)
Advisers: Drs. Howard A. Smith, Chris Hayward
- 2:40pm **An Investigation of Quasar Variability as a Damped Random Walk**
Virginia Cunningham (West Virginia University)
Advisers: Drs. Paul Green, Eric Morganson
- 3:00pm **Break**
- 3:15pm **The Chandra Observation of the Planck Cluster RXC J0528.9-3927**
Zhoujian Zhang (Nanjing University)
Advisers: Drs. Christine Jones, Marie Machacek
- 3:35pm **Can Thermal Instability Explain the Cold Gas in Galaxy Cluster Centers**
Chris Cappiello (Yale University)
Adviser: Dr. Paul Nulsen
- 3:55pm **Closing Remarks**