

10th Annual

GRAM 2011

GEORGIA REGIONAL
ASTRONOMY MEETING

November 11-12, 2011

Agnes Scott College

Teasley Lecture Hall, Bullock Science Center

Friday, November 11

7:30 **Registration**

pm Bradley Observatory

8:00 **Bradley Observatory Open House**

*Exploring the Most Energetic Phenomena in the Universe:
Radio Observations of Supernova and Gamma Ray Bursts*

Ashley Zauderer (ASC '02)

Postdoctoral Fellow

Harvard Center for Astrophysics

A planetarium show and viewing with the observatory
telescopes (weather permitting) will follow the talk.

Saturday, November 12

8:00 **Registration**

am

8:20 **Welcome**

Chris DePree, Agnes Scott College

8:30 Richard Schmude - Gordon College:
Jupiter's Changing North Equatorial Belt

8:50 David Dundee - Tellus Science Museum:
Fireball Camera at Tellus

9:10 Rob Parks - Georgia State University:
A Long Term Study of the Near-Infrared Variability in the Molecular
Cloud rho Ophiuchus

9:30 Agnes Kim - Georgia College and State University:
Asteroseismology of the Kepler Field DBV

9:50 Misty Bentz - Georgia State University:
STARE: Calibrating Black Hole Masses in Active Galaxies

10:10 Cherilynn Morrow - Georgia State University:
AstroJazz - Integrating Astronomy, Music and Art in Education

10:30 **Poster Session**

Baker Atrium

Emily Aldoretta - Georgia State University:
Spectroscopy of delta Sco's Recent Periastron

Saida Caballero - Georgia State University:
High Angular Resolution Observation of Massive Stars

Jay Dunn - Georgia Perimeter College:
Determining the Source of Reddening in Low Ionization BAL Quasars

Amanpreet Kaur - Clemson University:
The First Ultra-Luminous X-ray Transient in M31

Amy Lovell - Agnes Scott College:
Radio OH Observations of Comets

David Moffett - Furman University:
Mapping Hydrogen in the Galactic Plane with a Small Radio Telescope

Rob Parks - Georgia State University:

Can CHARA Image Cool Starspots?

Stephen Ramsden - www.solarastronomy.org:
Live Narrowband Solar Astronomy

Christopher Shull & Samuel Thomas - North Georgia College and State University:
STARE at North Georgia

Samuel Thomas - North Georgia College and State University:
NERT Reloaded

Rosa Williams - Columbus State University:
A Database of Magellanic Cloud Supernova Remnants

Jen Winters - RECONS/Georgia State University:
A SMARTS Distance Runner: the 0.9m at CTIO

- 11:00 Kyujin Kwak - University of Georgia:
Simulations of High Velocity Clouds
- 11:20 Robin Shelton - University of Georgia:
Simulations of High Velocity Clouds - Their X-ray Signatures
- 11:40 Noel Richardson - Georgia State University:
New Telescopes, New Instruments, New SCIENCE! Recent Updates to GSU's
Hard Labor Creek Observatory
- 12:00 Tom Crowley - Atlanta Astronomy Club:
Society of Amateur Radio Astronomy (SARA) Outreach Programs
- 12:20 Sarah Higdon - Georgia Southern University:
Going Live - Georgians Experience Astronomy Research in Schools
- 12:35 Lunch (Stephen Ramsden will have his Mobile Solar Observatory set
up at the Observatory)**
- 1:35 Philip Groce - Helping Planetariums Succeed:
Observing 2012 Transit of Venus
- 1:50 Larry Krumenaker - The Classroom Astronomer Magazine:
The Legacy of Queen Seondock - Astronomy in Korea
- 2:10 Nicole Makely - Agnes Scott College:
Observing Exoplanetary Transits with the SARA Telescopes
- 2:25 Adric Riedel - Georgia State University:
AP Col and other stellar babies
- 2:40 Break**
- 3:00 Joe Jones - North Georgia College and State University:
AARG: Our 'Motley Crew' at North Georgia
- 3:20 Monique Aller - University of South Carolina:
Interstellar Silicate Dust in a $z=0.9$ Quasar Absorption System:
Crystalline Silicates at High- z ?
- 3:40 Manjeet Singh - Clemson University:
Evaluation of the ^{26}Al method as a Star Formation Rate Indicator
- 4:00 Dan Llewellyn - Atlanta Astronomy Club:
Jupiter, Mars, Saturn Imaging for the Amateur Astronomer
- 4:20 Varsha Kulkarni - University of South Carolina:
Interstellar Matter across Cosmic Time
- 4:40 James Higdon - Georgia Southern University:
The "Over-Cooked" ISM in Starburst Ring Galaxies
- 5:00 Poster Session with Refreshments**