

GRAM 2012

GEORGIA REGIONAL ASTRONOMY MEETING

October 26-27 Georgia Southern University

We would like to thank our sponsors the Physics Department, Georgia Southern and the Georgia Space Grant Consortium. A special thanks to our webmaster Jim Sowell (Georgia Tech).

Friday October 26 GRAM Public Lecture "Supermassive Black Holes in Active Galaxies" Dr Misty Bentz (Georgia State University) at 8pm in the Biology Lecture Hall Room 1119 Biology Building (#202 on Campus map)

Saturday October 27

Room 1005 College of Information Technology (Building 255 5C on map)

08:00 Registration and continental breakfast

08:45 GRAM Opening Remarks Dr. Martha Abell, Dean of COSM

09:00 "Star Formation in the Cartwheel's Disk and Spokes", James L. Higdon & Sarah J. U. Higdon Georgia Southern University

09:30 "Brightness Measurement of Mars in 2011-2012", Richard W. Schmude, Jr.; Gordon State College,

10:00 "Finding the True Metal Abundances in High Velocity Clouds", Jeff Gritton, University of Georgia

10:30 Coffee Break & Poster Session

11:00 "Asymmetries as a Driver of Galaxy Evolution", Clayton Heller, Georgia Southern University

11:30 "Probing Interstellar Silicate Dust in Quasar Absorption Systems at $z < 1.4$ ", Monique Aller, University of South Carolina

12:00 – 13:30 Lunch (GRAM Committee Meeting at 13:10)

13:30 "Hot Gas in the Galactic Halo", David Henley UGA

14:00 "Future of Planetariums as a tool for Astronomy education", Philip Groce Helping Planetariums Succeed, LLC.

14:30 "As the Star Turns: Interferometric Imaging of Lambda Andromedae", Rob Parks, Georgia State University

15:00 "Precision Differential Photometry from a Non-Precision Site (Expanding Undergrad Research Potential)" Joe Jones, North Georgia College & State University.

15:30 Coffee Break & Poster Session

16:00 "Dynamic UC HII regions in Sgr B2: Flickering and Ionized Flows", C. G. De Pree, Agnes Scott College

16:30 "Element Abundances in the Distant Universe: Magellan Observations of sub-Damped Lyman-alpha Absorbers at $z \sim 2$ " Debopam Som, University of South Carolina.

17:00 Close of meeting

17:15 GRAM Digistar4 Planetarium Show in Math/Physics Building – come see our renovated planetarium before you head home.