221st AAS Meeting PROGRAM UPDATE
6-10 January 2013
Long Beach, California

Sunday, 6 January 2013
Undergraduate Orientation will be held in 104A.

Monday, 7 January 2013
111.01 Value change in the abstract from “33700 rich clusters in 14440 square degrees” to “57,800 clusters in 14,100 square degrees”

Plenary Session 139 will now be chaired by Bruce Balick (University of Washington).

134.05 has two additional co-authors, Jon Hakkila (*College of Charleston*) and Ira Wasserman (*Cornell University*).

Withdrawn Oral Presentations
104.04 The Effect of Dust Self-Gravity on the Kelvin-Helmholtz Instability of Settled Dust Layers in Protoplanetary Disks, J.A. Barranco (*San Francisco State University, San Francisco*), et.al.

117.03 Finding the Central Mass of the L1527 Protostar using CARMA Interferometer Data, Susan Terebey (*Cal. State Univ. at Los Angeles*), et. al.

129.01 Correlation of Lyman Break Galaxies Based on Their Spectral Features: Evidence for the Morphology-density Relation at z ~ 3, Jeff Cooke (*Swinburne University, Hawthorn, VIC, Australia).*

132.04 Local Ensemble N-body Simulations: Generating Multiple Local Paths of Galaxy Formation, Miguel Angel Aragon Calvo (*Johns Hopkins University*).

Withdrawn Poster Presentations
143.09 Calculating a Galaxy's Central Black Hole Mass Using the Sersic Index, Matt Hartley (*University of Arkansas*), et.al.

144.23 Finding Asteroid-Belt Analogues with WISE, Rahul Patel (*SUNY Stony Brook*), et.al.

147.13 The GALEX Large Galaxy Atlas, James D. Neill *(California Institute of Technology)*, et. al.

155.09 Investigating Massive Stars and Their Evolution with Gravitational Waves, Richard O'Shaughnessy (*University of Wisconsin-Milwaukee)*, et. al.

159.02 Two-dimensional Hydrodynamic Simulations of Angular Momentum Balance and Meridional Circulation in the Solar Convective Zone, Using a Viscoelastic Model for the Turbulent Maxwell Stresses due to Magnetoconvection, Peter Williams (*Agilent Technologies*).

Tuesday, 8 January 2013
201.03 An Extended Day Program on the Tohono O'odham Nation, will now be presented by Catharine D. Garmany (*NOAO*).

225 Galaxies II, will now be chaired by Patricia Knezek (*NOAO/WIYN Observatory*).

Withdrawn Oral Presentations
201.05 Guerilla Science: Mixing Science with Art, Music and Play, Mark Rosin (*Guerilla Science, UCLA*), et.al.

223.01 Supernova Dust Factories, Haley Gomez (*Cardiff University, Cardiff, Wales, United Kingdom*).

Withdrawn Poster Presentations
226.08 Joint SZ/X-Ray Deprojections and Nonthermal Pressure Ratio Profiles of the Bolocam Cluster Sample, Jennifer Shitanishi (*University of Southern California*), et. al.

249.17 An Optical Emission-Line Atlas of Galactic Supernova Remnants, Edward Smyth (*Middlebury, College*), et.al.

252.18 Out of Eclipse Monitoring of Epsilon Aurigae, Johh Martin (*U of Illinois Springfield*), et.al.

253.08 Late Light Curves of the Subluminous SN 2005mz, Ethan Kilgore (*Clemson University, Eastern Kentucky University*), et.al.

256.12 Probing the Evolution of Dust Grains Through Detailed Modeling of Nearby YSOs, Erica Rodgers (*Space Science Institute*), et.al.

256.17 Determination of Spectral Types for Candidate Young Stellar Objects in Taurus, L1509, North American Nebula, Ophiuchus North, Perseus, and Orion, Jillian Tromp (California State University), et. al.

Wednesday, 9 January 2013
311.03 Characterizing the Content and Spatial Clustering of Hot Massive Stars in M31 from the PHAT Survey will now be presented by Evan Skillman (*U. Minnesota*).

349.26 has an additional co-author, J.D. Smith (*University of Toledo*).

Plenary Session 337 will now be chaired by Edward Churchwell (*University of Wisconsin*).

Withdrawn Oral Presentation
314.04 High-precision Measurements of Planetary Spin States: Mercury, Venus, Europa, Ganymede, Margot Jean-Luc (*UCLA*), et. al.

326.05 Testing Galaxy Formation Models with the GHOSTS Survey: The Stellar Halo of M81, Antonela Monachesi (*University of Michigan*), et.al.

Withdrawn Poster Presentations
341.02 WISH, the Wide-field Imaging Surveyor for High-redshifts, Giovanni Fazio *(Harvard-Smithsonian, CfA*), et.al.

341.17 Halos and Galaxies in the Warm and Cold Cosmic Web, Darren Reed (*ITP - Zurich, Switzerland*).

354.18 Results of the Secret Lives of Cepheids Program, Scott Engle (*Villanova Univ*), et.al.

Thursday, 10 January 2013
420.05D Deep Imaging of the Linearly Polarized Radio Sky, title and abstract have been updated to the following:
Deep Imaging of the Radio Sky in Total Intensity and Linear Polarisation
The linear polarization properties of extragalactic sub-millijansky radio sources are not well understood. New tools and methods for analyzing spectropolarimetric radio data are needed to accurately characterize this population. In this talk I describe how techniques were developed for quantifying the statistical significance of polarized intensity measurements obtained using rotation measure (RM) synthesis, and for measuring accurate flux densities for linearly polarized sources using the flood-fill-based BLOBCAT source extractor. I describe how these and other methods were used to process and analyze the deepest polarization survey to date: the second data release of the Australia Telescope Large Area Survey (ATLAS DR2). This survey consists of 1.4~GHz Australia Telescope Compact Array (ATCA) observations with 10 arcsecond resolution and typical sensitivity <25 uJy/beam in linear polarization over two independent mosaicked multi-pointing fields with a combined area of 6 square degrees. I discuss properties of faint 1.4~GHz polarized sources, including their surface density, and their distribution of fractional polarization which is found to be independent of total flux density. The techniques and results presented will inform forthcoming deep radio polarization surveys, in preparation for novel experiments that will require high surface densities of background polarized sources to study cosmic magnetism, shear, and dark matter.

432.09 additional co-author, Nicholas Battaglia (*Carnegie Mellon University*).

432.13 is now being presented by Claire Cramer (*NIST*).

Additional Oral Presentation
415.02 Ab Initio Active Region Formation, Robert Stein (*Michigan State Univ.*), et.al.

427.04 Absolute Calibration of Astronomical Flux Standards, Susana E. Deustua (*Space Telescope Science Institute*), et. al.

Withdrawn Poster Presentation

430.09 Formation and Observational Signatures of the First Quasars, Yuexing Li (Penn State University), et. al.

444.04 Systematic Effects of Progenitor Composition on Type Ia Supernovae, Alexei Poludnenko (*Naval Research Lab*), et.al.