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THE UNIVERSITY OF CHICAGO
DEPARTMENT OF ASTRONOMY
AND ASTROPHYSICS

<http://astro.uchicago.edu/>

August 15, 2008 - Friday

- 8:30 AM - 8:50 AM *Breakfast*
- 8:50 AM - 9:00 AM *WELCOME*
Thomas F. Rosenbaum, Provost of The University of Chicago
- GALAXIES**
Chair: Hsiao-Wen Chen (KICP, University of Chicago)
- 9:00 AM - 9:30 AM Sandra M. Faber, UC Observatories, Lick Observatory
Invited Talk: *Galaxy Formation Made Simple*
- 9:30 AM - 10:00 AM Michael R. Blanton, New York University
Invited Talk: *Galaxy Properties in the SDSS*
- 10:00 AM - 10:20 AM Adam Bolton, Institute for Astronomy, University of Hawaii
The Sloan Lens ACS Survey
- 10:20 AM - 10:40 AM David Schiminovich, Columbia University
New lessons from panchromatic (UV-IR) observations of the SDSS main galaxy sample
- 10:45 AM - 11:15 AM *Coffee*
- 11:15 AM - 11:35 AM David A. Wake, University of Durham
The evolution of the most massive red galaxies: A problem for hierarchical galaxy formation?
- 11:35 AM - 11:55 AM Genevieve J. Graves, UCO/Lick Observatory
Dissecting the Red Sequence: Star Formation Histories vs. Structural Parameters
- 11:55 AM - 12:15 PM Steven P. Bamford, University of Portsmouth
Galaxy Zoo: the independence of morphology and colour
- 12:15 PM - 1:45 PM *Lunch*
- 1:45 PM - 2:15 PM Guinevere A.M. Kauffmann, Max Planck Institute for Astrophysics
Invited Talk: *The Co-evolution of Galaxies and their Supermassive Black Holes: the view from SDSS*
- 2:15 PM - 2:30 PM *Director's Perspective 1: Don York, University of Chicago*
- QUASARS, ABSORPTION SYSTEMS, AND THE INTERGALACTIC MEDIUM**
Chair: Brian Yanny (Fermilab)
- 2:30 PM - 3:00 PM Scott M. Croom, University of Sydney
Invited Talk: *Answers and Questions from Quasar Surveys*

3:00 PM - 3:30 PM	Gordon Richards, Drexel University Invited Talk: <i>Quasars and the SDSS</i>
3:30 PM - 4:10 PM	<i>Coffee</i>
4:10 PM - 4:30 PM	Nicholas Ross, Pennsylvania State University <i>The clustering of redshift $z < 2.2$ SDSS Quasars</i>
4:30 PM - 4:50 PM	Naohisa Inada, RIKEN <i>The SDSS Quasar Lens Search</i>
4:50 PM - 5:10 PM	Varsha P. Kulkarni, University of South Carolina <i>Evolution of Metals and Dust in Galaxies: Damped and Sub-damped Lyman-alpha Quasar Absorbers from SDSS</i>
5:10 PM - 5:30 PM	Ryan C. Hickox, Harvard-Smithsonian Center for Astrophysics <i>Clustering and evolution of radio, X-ray, and IR-selected AGN</i>
5:30 PM - 5:50 PM	Francesco Shankar, The Ohio State University <i>Constraining the evolution of Super-Massive Black Holes</i>
5:50 PM	<i>Close</i>

POSTERS

display days: August 15 - 16, 2008

1. Deokkeun An, Ohio State University
Galactic Globular and Open Clusters in SDSS: Crowded Field Photometry and Cluster Fiducial Sequences in ugriz [Galaxies]
2. Kentaro Aoki, Subaru Telescope, NAOJ
Search for Balmer absorption lines in FeLoBAL quasars [Quasars, Absorption Systems, and the Intergalactic Medium]
3. Byron E. Bell, Kennedy-King College
Data analysis of multi-wavelength magnitudes the SDSS-DR3 using a AutoRegressive Conditional Heteroskedasticity (ARCH) process [Quasars, Absorption Systems, and the Intergalactic Medium]
4. Dmitry Bizyaev, APO/NMSU
Dust-free structural parameters of edge-on galaxies in SDSS [Galaxies]
5. Michael J. I. Brown, Monash University
The past 7 Gyr of Red Galaxy Growth [Galaxies]
6. Chin-Wei Chen, Graduate Institute of Astronomy, National Central University
Homogeneous ugriz Photometry for ACS Virgo Cluster Survey Galaxies [Galaxies]

7. Stephan Frank, The Ohio State University
Searching for and finding OVI absorbers at high redshift [Quasars, Absorption Systems, and the Intergalactic Medium]
8. Juan E. Gonzalez, Institute for Computational Cosmology, Durham University
Using the Sloan Digital Sky Survey to test galaxy formation models. [Galaxies]
9. Neeraj Gupta, CSIRO Australia Telescope National Facility
GMRT survey of 21cm absorption in intermediate redshift DLA candidates from SDSS [Quasars, Absorption Systems, and the Intergalactic Medium]
10. Stephane Herbert-Fort, University of Arizona
The Orbital Distribution of Satellite Galaxies [Galaxies]
11. Stephane Herbert-Fort, University of Arizona
The SDSS DLA Survey and Metal-Strong DLAs [Quasars, Absorption Systems, and the Intergalactic Medium]
12. Rodrigo I. Herrera, Pontificia Universidad Catolica de Chile
Star Formation in Pairs of Low Surface Brightness Galaxies [Galaxies]
13. Ho Seong Hwang, Korea Institute for Advanced Study
Kinematics of Satellite Galaxy Systems [Galaxies]
14. Yun Hee Lee, KSG
The central offset of nearby galaxies [Galaxies]
15. Yen-Ting Lin, Princeton
Statistical Properties of Radio Galaxies in the Local Universe [Galaxies]
16. Sebastian Lopez, Universidad de Chile
Probing cluster galaxies with background QSOs [Quasars, Absorption Systems, and the Intergalactic Medium]
17. John K. Parejko, Drexel University
X-ray Emitting Galaxies in the SDSS [Galaxies]
18. Santiago G. Patiri, Case Western Reserve University
The properties of galaxies in voids [Galaxies]
19. Molly S. Peeples, Ohio State University
Outliers from the Mass--Metallicity Relation [Galaxies]
20. Reinabelle Reyes, Princeton University-Astrophysics Department
Space density of optically-selected type 2 quasars [Quasars, Absorption Systems, and the Intergalactic Medium]
21. Takamitsu Tanaka, Columbia University Dept. of Astronomy
Assembly Models for Redshift 6 Sloan Quasar Black Holes [Quasars, Absorption Systems, and the Intergalactic Medium]

22. Jose Antonio Vazquez, Instituto de Astronomia, UNAM
A New Catalogue of Isolated Galaxies from SDSS [Galaxies]

23. Hartmut Winkler, University of Johannesburg
Seyfert galaxies with hyper-strong coronal emission lines (and other oddities discovered by SDSS) [Quasars, Absorption Systems, and the Intergalactic Medium]

August 16, 2008 - Saturday8:30 AM - 9:00 AM *Breakfast***THE MILKY WAY AND ITS NEIGHBORS***Chair: Connie Rockosi (UC Santa Cruz, UCO/Lick Observatory)*9:00 AM - 9:30 AM Kathryn V. Johnston, Columbia University
Invited Talk: *The Milky Way and Near-Field Cosmology*9:30 AM - 10:00 AM Heidi Jo Newberg, Rensselaer Polytechnic Institute
Invited Talk: *Milkyway Substructure*10:00 AM - 10:20 AM Gerry Gilmore, Institute of Astronomy, Cambridge
*Properties of the smallest galaxies*10:20 AM - 10:40 AM Mario Juric, Institute for Advanced Study
*Dissecting the Milky Way with SDSS*10:45 AM - 11:15 AM *Coffee*11:15 AM - 11:35 AM Kevin C. Schlaufman, Astronomy and Astrophysics Department, University of California, Santa Cruz
*The Stellar Accretion History of the Milky Way Through SEGUE Observations of Halo Substructure*11:35 AM - 11:55 AM Heather Morrison, CWRU
*The nature of the Monoceros overdensity*11:55 AM - 12:15 PM Bart P. Wakker, University of Wisconsin-Madison
*Distances to high-velocity clouds using SDSS stars*12:15 PM - 12:30 PM *Director's Perspective 2: John Peoples, Fermilab*12:30 PM - 2:00 PM *Lunch*2:00 PM - 2:25 PM *Poster Review***STARS***Chair: Jeff Pier (National Science Foundation)*2:25 PM - 2:55 PM Pierre Bergeron, Universite de Montreal
Invited Talk: *White Dwarf Stars in the SDSS: Exploring the Tail of the Distributions*2:55 PM - 3:25 PM Timothy C. Beers, Michigan State University
Invited Talk: *Stars*3:30 PM - 4:30 PM *Coffee and Poster Viewing*

4:30 PM - 4:50 PM	John Bochanski, University of Washington <i>Exploring the Local Milky Way: The Low-Mass Stellar Luminosity and Mass Functions</i>
4:50 PM - 5:10 PM	David K. Lai, UC Santa Cruz <i>The Abundances of Metal-poor Stars in the Outer Halo of the Milky Way</i>
5:10 PM - 5:30 PM	Juna A. Kollmeier, Carnegie Observatories/Princeton University <i>High Velocity Stars in the SDSS</i>
5:30 PM	<i>Close</i>

POSTERS

display days: August 15 - 16, 2008

1. Daniela Carollo, RSAA, Mount Stromlo Observatory, ANU Australia
Structural and kinematic parameters of the two halo components of the Milky Way: preliminary results [The Milky Way and Its Neighbors]
2. Licai Deng, National Astronomical Observatories
LAMOST Galactic structure survey [The Milky Way and Its Neighbors]
3. Jennifer Johnson, Ohio State University
M Giants in the Galactic Halo from SDSS [Stars]
4. Chris Orban, The Ohio State University
Delving Deeper into the Tumultuous Lives of Galactic Dwarfs: Modeling Star Formation Histories [The Milky Way and Its Neighbors]
5. Katharine J. Schlesinger, Ohio State University
Understanding Early Star Formation using Metal-Poor Stars and SEGUE [Stars]
6. Branimir Sesar, University of Washington
Milky Way halo substructures in the SDSS [The Milky Way and Its Neighbors]

August 17, 2008 - Sunday

- 8:30 AM - 9:00 AM *Breakfast*
- 9:00 AM - 9:30 AM Simon D.M. White, Max Planck Institute for Astrophysics
Invited Talk: *Cosmic Structure Formation*
- LARGE-SCALE STRUCTURE AND GALAXY CLUSTERS (I)**
Chair: David Schlegel (Lawrence Berkeley Lab)
- 9:30 AM - 10:00 AM Ofer Lahav, University College London
Invited Talk: *Large Scale Structure in 2dF, SDSS, and beyond*
- 10:00 AM - 10:30 AM Daniel Eisenstein, University of Arizona
Invited Talk: *Measuring Cosmic Distances with the Baryon Acoustic Oscillations*
- 10:30 AM - 11:15 AM *Coffee*
- 11:15 AM - 11:35 AM Jeremy Tinker, University of Chicago
Cosmology with Cluster Mass-to-Light Ratios
- 11:35 AM - 11:55 AM Changbom Park, Korea Institute for Advanced Study
Morphology and Luminosity Segregation by Galaxy-Galaxy Interactions in Clusters of Galaxies
- 11:55 AM - 12:15 PM Bob Nichol, ICG Portsmouth
Latest from the ISW
- 12:15 PM - 12:30 PM *Director's Perspective 3: Richard Kron, Fermilab/Chicago*
- 12:30 PM - 2:00 PM *Lunch*
- LARGE-SCALE STRUCTURE AND GALAXY CLUSTERS (II)**
Chair: Natalie Roe (Lawrence Berkeley National Lab)
- 2:00 PM - 2:20 PM Will Percival, University of Portsmouth
Observing BAO in the SDSS
- 2:20 PM - 2:40 PM Andrey V. Kravtsov, KICP, The University of Chicago
Modeling spatial distribution of galaxies in the SDSS
- 2:40 PM - 3:00 PM Martin G. Haehnelt, Institute of Astronomy, University of Cambridge
Measuring the small scale matter power spectrum with Lyman-alpha forest data
- 3:00 PM *Close*
- 3:15 PM - 5:15 PM *SDSS-III Collaboration Meeting*

5:45 PM	<i>Kanan Banquet Cruise: Shuttle boards at Marriott Residence Inn</i>
6:00 PM	<i>Shuttle departs Marriott Residence Inn</i>
6:15 PM	<i>Shuttle boards at Renaissance Hotel</i>
6:15 PM	<i>Shuttle boards at Holiday Inn Mart Plaza</i>
6:30 PM	<i>Shuttle departs Renaissance Hotel</i>
6:30 PM	<i>Shuttle departs Holiday Inn Mart Plaza</i>
7:00 PM	<i>Kanan Banquet Cruise</i> After-dinner speaker Ann Finkbeiner: How the SDSS Happened
10:00 PM	<i>Shuttles board at Navy Pier</i>
10:00 PM	<i>Boat returns to Navy Pier (guests depart boat)</i>
10:15 PM	<i>Shuttles return to Marriott Residence Inn, Renaissance Hotel & Holiday Inn Mart Plaza</i>

POSTERS

display days: August 17 - 18, 2008

1. James T. Annis, Fermilab
Weak Lensing Masses for the Abell Catalog [Large-Scale Structure and Galaxy Clusters]
2. Yanchuan Cai, Durham University
Exploiting the forthcoming Pan-STARRS dataset [Large-Scale Structure and Galaxy Clusters]
3. James G. Cresswell, ICG, University of Portsmouth, UK
Scale and Magnitude Dependent Bias in DR5 [Large-Scale Structure and Galaxy Clusters]
4. Fiona Hoyle, Widener University
Voids in the SDSS [Large-Scale Structure and Galaxy Clusters]
5. Hwajung Kang, Dartmouth College
Peculiar motion and power spectrum of early-type galaxies [Large-Scale Structure and Galaxy Clusters]
6. Issha Kayo, IPMU, University of Tokyo
Model independent method to measure peculiar velocity dispersion of galaxies [Large-Scale Structure and Galaxy Clusters]

7. Sergey E. Kposov, Max Planck Institute for Astronomy, Heidelberg
Quantitative explanation of the observed population of Milky Way satellite galaxies [Large-Scale Structure and Galaxy Clusters]
8. Dustin Lang, University of Toronto
Measuring the Undetectable: Parallaxes and proper motions for extremely faint sources [Stars (II)]
9. Felipe Marin, University of Chicago
Luminous Red Galaxies Bias from the 3-point correlation function [Large-Scale Structure and Galaxy Clusters]
10. Danny C. Pan, Drexel University
Cosmic Void Ellipticity in SDSS [Large-Scale Structure and Galaxy Clusters]
11. Beth A. Reid, Princeton University
Precise Luminous Red Galaxy (LRG) Mock Catalogs and Techniques for Large-Scale Structure Studies [Large-Scale Structure and Galaxy Clusters]
12. Ramin A. Skibba, Max Planck Institute for Astronomy
A Halo Model of Galaxy Colors and Clustering in the SDSS [Large-Scale Structure and Galaxy Clusters]
13. Marcelle Soares-Santos, Fermilab
Voronoi Tessellation Cluster Finder [Large-Scale Structure and Galaxy Clusters]
14. Douglas Watson, Vanderbilt University
LasDamas Mock Catalogs [Large-Scale Structure and Galaxy Clusters]
15. Edward L. Wright, UCLA
WISE - the Wide-field Infrared Survey Explorer [Large-Scale Structure and Galaxy Clusters]

August 18, 2008 - Monday8:30 AM - 9:00 AM *Breakfast***THE SOLAR SYSTEM***Chair: Jeff Munn (U.S. Naval Observatory, Flagstaff Station)*9:00 AM - 9:40 AM Zeljko Ivezic, University of Washington
Invited Talk: *Solar System Astronomy with SDSS and LSST*9:40 AM - 10:00 AM Alex Parker, University of Victoria
*The Size Distributions of Asteroid Families in the SDSS MOC 4***SUPERNOVAE AND SUPERNOVA COSMOLOGY***Chair: Michael S. Turner (Kavli Institute for Cosmological Physics)*10:00 AM - 10:30 AM Wendy Freedman, Carnegie Observatories
Invited Talk: *The Carnegie Supernova Survey*10:30 AM - 11:00 AM *Coffee*11:00 AM - 11:30 AM Mark Sullivan, University of Oxford
Invited Talk: *The Supernova Legacy Survey*11:30 AM - 12:00 PM Josh Frieman, Fermilab and U. Chicago
Invited Talk: *The SDSS-II Supernova Survey*12:00 PM - 12:20 PM Ryan Foley, UC Berkeley / CfA
*The Keck/SDSS Supernova Sample*12:20 PM - 12:40 PM Peter Garnavich, University of Notre Dame
*The Nature of Type Ia SN from the SDSS-II Supernova Survey*12:45 PM - 2:15 PM *Lunch*2:15 PM - 2:40 PM *Poster Review***THE NEAR FUTURE***Chair: Evalyn Gates (KICP)*2:40 PM - 3:00 PM Huan Lin, Fermilab
*The Dark Energy Survey*3:00 PM - 3:20 PM Kenneth C. Chambers, Institute for Astronomy
*The Pan-STARRS 1 Science Mission*3:20 PM - 3:40 PM David H. Weinberg, Ohio State University
SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way Galaxy, and Extra-Solar Planetary Systems

- 3:40 PM - 4:20 PM *Coffee and Poster Viewing*
- 4:20 PM - 4:50 PM James E. Gunn, Princeton University, Astrophysical Sciences
Invited Talk: ***Conference Summary***
- 4:50 PM *Close*

POSTERS

display days: August 17 - 18, 2008

1. Rahul Biswas, University of Illinois at Urbana-Champaign
Bayesian Forecasting of Constraints on Cosmological Parameters from Future Experiments
[Supernovae and Supernova Cosmology]
2. Chen Zheng, KIPAC/Stanford University
Spectroscopy for the SDSS-II Supernova Survey [Supernovae and Supernova Cosmology]

August 19, 2008 - Tuesday

8:30 AM - 9:00 AM *Breakfast*

9:00 AM - 5:00 PM *SDSS-II Working Group Meetings, at University of Chicago*