

Appendix Ic
List of External Seminar and
Colloquium Speakers

ASTRONOMY DEPARTMENT EXTERNAL SPEAKERS
Astronomy Colloquium
Wednesdays, 3:30-5:00
Natural Sciences Annex 101

2003-04

- 10/8/03 Eliot Quataert, University of California, Berkeley
Accretion onto the Massive Black Hole at the Center of the Milky Way
- 10/15/03 Chryssa Kouveliotou, NASA
Soft Gamma-ray Repeaters
- 10/22/03 Saul Perlmutter, Livermore Berkeley Laboratories
SNAP
- 10/29/03 Michael Meyer, University of Arizona
The Initial Mass Function of Stars and Substellar Objects: From the Gould's Belt to Starburst Galaxies
- 11/5/03 Steve Kahn, Stanford University
High Resolution X-Ray Spectroscopy of Active Galactic Nuclei
- 11/12/03 Chris Fassnacht, University of California, Davis
Measuring the Hubble Constant with Gravitational Lenses
- 11/19/03 Lori Lubin, UCD University of California, Davis
Galaxy Clusters in the High-Redshift Universe
- 12/3/03 Chris Clemens, University of North Carolina
VPH Gratings in the Goodman Spectrograph
- 1/14/04 Alice Shapley, University of California, Berkeley
Star-Forming Galaxies in the Redshift Desert
- 1/21/04 Brad Hansen, University of California, Los Angeles
The Need for a Second Black Hole at the Galactic Center
- 1/28/04 Martin Duncan, Queens Univeristy, Canada
Oligarchy and Beyond: Simulations of Planet Formation
- 2/4/04 Inese Ivans, California Institute of Technology
Chemical Clues to Halo Formation from Selected Stellar Populations
- 2/11/04 Kathryn Johnston, Wesleyan
Telling Tails of Galaxies
- 2/25/04 Sheila Kannappan, University of Texas
High Resolution Hierarchical Galaxy Formation
- 3/3/04 Peter Eisenharadt, Jet Propulsion Laboratory
Early Results from the Spitzer Space Telescope
- 3/17/04 Guy Worthey, Washington State University
Space Interferometry Mission: Engineering and Science

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- 3/31/04 Paul Kalas, University of California, Berkeley
AU Microscopii: First Optical Images of a Kuiper Belt Analog within 10 pc of the Sun
- 4/7/04 Alan Dressler, Carnegie Observatories
IMACS on Magellan: The Instrument and its Science
- 4/14/04 Mitch Begelman, University of Colorado
Cooling Flows Sing the Blues
- 4/21/04 Wil van Breugel, Lawrence Livermore National Laboratories
BRIGHT Lights, BIG City: Massive Forming Galaxies in Proto-Clusters
- 4/28/04 Dave Wittman, University of California, Davis
Shear-Selected Clusters from the Deep Lens Survey
- 5/5/04 Kim-Vy Tran, ETH, Zurich
Constraining the Luminosity function of Ly-Alpha Emitters at $z \sim 6.5$
- 5/12/04 Ned Wright, WMAPII
What's New in Cosmology
- 5/14/04 Chris Martin, California Institute of Technology
The Galaxy Evolution Explorer: Results from the First Year
- 5/26/04 Avashai Dekel, Hebrew University of Jerusalem
The Characteristic Scale of Galaxy Formation
- 6/2/04 Mike Brown, Sednak
Stuck Between the Kuiper Belt and the Oort Cloud

Halliday Lecture (sponsored by John Halliday)
Open to the Public 10/16/03
8:00 pm in Music Center Recital Hall

Kenneth H. Neelson, University of Southern California
Recognizing Life Under Strange and Distant Rocks

Halliday Lecture (sponsored by John Halliday)
5/19/04
7:00 pm in Classroom Unit 1

Geoff March, University of California, Berkeley
Extrasolar Planets and the Prospects for Life in the Universe

FLASH
Friday Lunchtime Astronomy Seminar Hour
12:30-1:30
Interdisciplinary Sciences Building 102

- 2003-04**
10/16/03 Kenneth Neelson, University of Southern California
Recognizing Life Under Strange and Distant Rocks
- 10/17/03 Adrienne Juett, Massachusetts Institute of Technology

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High-Resolution Photoelectric Absorption Spectroscopy of Interstellar Oxygen

- 10/24/03 Sukanya Chakrabarti, University of California, Berkeley
The Formation of Spurs, Feathers and Branches in Spiral Galaxies
- 11/4/03 Ari Maller, University of Massachusetts
Large Scale Structure in the Two Micron All Sky Survey
- 1/9/04 Gary Ferland, University of Kentucky
Molecular Hydrogen in Star Forming Regions
- 1/13/04 Ivo Labbe, Leiden University
FIRES: The Rest-Frame Optical Properties of High-Z Galaxies and the Discovery of Evolved Galaxies at $z=2$
- 2/20/04 Paul Martini, Harvard University
The Lives of Quasars
- 2/27/04 Scott Chapman, California Institute of Technology
The Evolution of Luminous, Dusty Galaxies
- 3/5/04 Hsiao-Wen Chen, Massachusetts Institute of Technology
Unfolding the History of Stellar Mass Assembly through Faint Galaxy Surveys
- 3/12/04 Karl Gebhardt, University of Texas
Influence of Black Holes on Galaxy Evolution: Where We Stand and Where We Need to Go
- 3/15/04 Betsy Barton, University of Arizona
The Role of Starbursts in the Evolution of Galaxies
- 3/19/04 Ricardo Schiavon, University of Virginia
Integrated Spectroscopy of Galactic Globular Clusters: Detecting Blue Horizontal Branch Stars without Color-Magnitude Diagrams
- 3/22/04 Rachel Somerville, Space Telescope Science Institute
GOODs + GEMS (Latest Data from HST/ACS + Ground-Based Photometry of Galaxies in the Chandra Southern Deep Field Plus Flanking Fields
)
- 3/29/04 Michael McCabe, Portsmouth University/The Open University, England
Mobile Interactive Classrooms Help Astronomers Engage Learners (MICHAEL)
- 3/30/04 Duncan Galloway, Massachusetts Institute of Technology
Recent Results from Studies of Thermonuclear X-Ray Bursts
- 4/2/04 Evan Scannapieco, University of California, Santa Barbara
Quasar Feedback in Structure Formation
- 4/5/04 Frank Shu, Natl. Tsing Hua University
The Stellar Initial Mass Function

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6/11/04 Avasahi Dekel, Hebrew University of Jerusalem
Substructure of Dark Halos and Dark-Dark Halos

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2004-05

9/29/04 Enrico Ramirez-Ruiz, Princeton University
Jets, Dark and Bursts from Coalescing Compact Objects

10/6/04 Mike Gladders, Carnegie Observatories of Washington
Cosmology with Red-Sequence Selected Galaxy Clusters: Recent Past and Future Directions

10/13/04 James Cho, Carnegie Observatories of Washington
Planetary Atmospheric Dynamics and Circulation

10/20/04 Neil Cornish, Montana
LISA

10/27/04 Emilie Habart, Arcetri
Small Carbon Grains in Circumstellar Disks

11/3/04 David Boute, University of California, Irvine
CHANDRA

11/10/04 Mike Rich, University of California, Los Angeles
The Age and Composition of the Galactic Bulge

11/17/04 Binnedetta Ciardi, Max Planck, Garching
Cosmic Reionization and its Observability through 21cm Line Emission

12/1/04 James Bullock, University of California, Irvine
The Milky Way as a Laboratory for Cosmology

4/13/05 Steve Allen, Stanford University
Cosmological Constraints from Chandra Studies of the Largest Dynamically Relaxed Galaxy Clusters

4/27/05 Mark Dickinson, NOAO
Deep Spitzer Observations of the Distant Universe from the Great Observatories Origins Deep Survey

5/4/05 Lars Bildsten, Kavli Institute
X-Ray Binaries in Elliptical Galaxies and Galactic Millisecond Radio Pulsars

5/11/05 Arthur Miller, University College, London
Obsession and Betrayal in the Quest for Black Holes

5/18/05 Stan Peale, University of California, Santa Barbara
Mercury, MESSENGER and Radar

5/25/05 David Hollenbach, NASA Ames
The Dispersal of Protoplanetary Disks and its Effects on Planet Formation

6/1/05 Peter Eggleton, Lawrence Livermore National Laboratories
Kozai Cycles, and the Evolution of Close Binaries

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**Halliday Lecture
(sponsored by John Halliday)
Open to the Public
5/17/05**

7:30 pm in Media Theater

Andrea Ghez, UCLA

Unveiling a Supermassive Black Hole at the Center of Our Galaxy

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2004-05

- 10/4/04 Daisuke Nagai, University of Chicago
Simulating the Formation of Galaxy Clusters
- 1/12/05 Sukanya Chakrabarti, University of California, Berkeley
Spectral Energy Distribution of Protostars and Dusty Galaxies
- 1/21/05 Arjen van der Wel, Leiden Observatory
The Fundamental Plane of Field Galaxies at $z \sim 1$
- 2/18/05 Andreas Koch, University of Basel
Stellar Abundances in the Carina Dwarf Spheroidal Galaxy
- 4/8/05 Nate McCrady, University of California, Berkeley
Massive Young Star Clusters in the M82 Starburst at High Resolution
- 4/15/05 Rebecca Bernstein, University of Michigan
Extragalactic Globular Cluster Abundances with MIKE
- 4/22/05 Tsvi Piran, California Institute of Technology
The Low Mass Progenitor of J0707-3039B and its Implications: A New Channel for Neutron Star Formation

**Astronomy Colloquium
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2005-06

- 10/5/05 Thomas Brown, Space Telescope Science Institute
Star Formation Histories in Andromeda
- 10/12/05 Douglas Finkbeiner, Princeton University
WMAP Microwave Emission Interpreted as Dark Matter Annihilation in the Inner Galaxy
- 10/26/05 Jimmy Irwin, University of Michigan
X-Ray Binaries: Beacons for Stellar- and Intermediate-Mass Black Holes
- 11/2/05 Brian Schmidt, Mt. Stromlo
Cosmology with Type Ia Supernovae: Past, Present and Future
- 11/09/05 Aaron Barth, University of California, Irvine
The Smallest Massive Black Holes in Nearby Galactic Nuclei

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- 11/16/05 Judy Cohen, California Institute of Technology
The Local High Redshift Universe: Extremely Metal Poor Stars in the Galactic Halo
- 11/30/05 Ron Marzke, San Francisco State University
Faint Dwarf Galaxies in Groups and Poor Clusters
- 1/11/06 Charles Gammie, University of Illinois
Numerical Models of Black Hole Accretion Flows
- 1/18/06 Michael Shao, Jet Propulsion Laboratory
SIM Planet Quest, Science Goals and Technology Status
- 2/1/06 John Stocke, University of Colorado
A Stroll Through the Local Lyman Alpha Forest: Galaxy Winds and Primordial Clouds
- 2/8/06 Dimitrios Psaltis, University of Arizona
New Tests of Strong-Field General Relativity with Black Holes and Neutron Stars
- 2/15/06 Milos Milosavljevic, California Institute of Technology
The Future of Massive Black Hole Studies
- 2/22/06 Bhuvnesh Jain, University of Pennsylvania
Weak Lensing and Dark Energy Studies with Large Imaging Surveys
- 3/8/06 Chris Howk, University of Notre Dame
Interstellar Thick Disks
- 3/15/06 Geoff Marcy, University of California, Berkeley
Super Earths: Theory and the New Lick Telescope
- 3/22/06 Bryan Penprase, Pomona College
Absorption Line Spectroscopy and Abundances of DLA Systems from $z=2$ to $z=4$, and Spectroscopy of GRB Afterglows
- 4/5/06 Edward van den Heuvel, University of Amsterdam
Double Neutron Stars: Evidence for Two Different Neutron-Star Formation Mechanisms?
- 4/12/06 Subhanjoy Mohanty, Harvard University
Catching Them Young: Accretion, Disks and Formation in Young Brown Dwarfs
- 4/19/06 Eric Ford, University of California, Berkeley
Evolving Theories of Planet Formation
- 4/26/06 Qingjuan Yu, University of California, Berkeley
Supermassive Black Holes in Galactic Centers
- 5/3/06 Bruce Macintosh, Lawrence Livermore National Laboratory
Direct Detection of Extrasolar Planets and the Gemini Planet Imager
- 5/10/06 Dawn Erb, Harvard University
Mass, Metallicity, Kinematics and Star Formation in Galaxies at $z\sim 2$
- 5/17/06 James Larkin, University of California, Los Angeles
OSIRIS: First Results from the Keck Telescope
- 5/24/06 Todd Thompson, Princeton University
The Birth of Neutron Stars and Megastars

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5/31/06 Mike Muno, University of California, Los Angeles
Accreting Compact Objects in the Galactic Center

Halliday Lecture
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3/9/06

8:00 pm at University Inn and Conference Center
Joel Primack and Nancy Abrams
The View from the Center of the Universe

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10/7/05 Steven Boggs, University of California, Berkeley
Unraveling the Giant Magnetar Flare from SRG 1806-20

10/14/05 Jenny Greene, Harvard University
The M-Sigma Relation of Local Active Galaxies

4/14/06 Ming Sun, Michigan State University
X-Ray Thermal Coronae of Galaxies in Hot Clusters: Ubiquity of Embedded Mini Cooling-Cores

4/21/06 Adam Stanford, University of California, Davis
Panchromatic Surveys for Galaxy Clusters

4/28/06 Andy Gould, Ohio State University
Detection of Planets via Microlensing