CURRICULUM VITAE OF MARIANGELA BERNARDI
(5 November 2009)

Department of Physics and Astronomy
University of Pennsylvania
209 S. 33rd Street
Philadelphia, PA 19104
Phone: (215) 573 6251 Email: bernardm@physics.upenn.edu
Date/Place of birth: 24 August 1971, Sandrigo, Italy

FACULTY APPOINTMENTS:

Jan 2005 - present Assistant Professor University of Pennsylvania

RESEARCH EXPERIENCE:

Mar 2004 - Dec 2004	Research Associate	University of Pittsburgh
Mar 2002 - Feb 2004	Research Associate	Carnegie Mellon University
Jan 2000 - Feb 2002	Research Associate	University of Chicago

HIGHER EDUCATION:

Dec. 1999	Ph.D. in Astrophysics	(*Magna cum Laude*)	L.M.U. Munich
Dec. 1995	Laurea in Astronomy	(*Magna cum Laude*)	U. Padova

GRANTS & AWARDS:

NSF AST/0908242 – US$ 210,856 (2009 – 2011)
"Evidence for the re-ionization of He II from the evolution of the Ly-α forest optical depth in the SDSS?"
PI: **M. Bernardi**

NASA ADP/NNX09AD02G – US$ 421,258 (2009 – 2012)
"2MASSDSX: A homogeneous catalog of galaxies from the NIR to the NUV"
PI: **M. Bernardi**

HST-GO-10488.01-A – US$ 92,317 (2005 – 2008)
"The Most Massive Galaxies in the Universe: Color-Gradients and Texture"
PI: **M. Bernardi**

NASA ADP/LTSA/NNG06GC19G – US$ 369,212 (2005–2009)
"A Search for and Analysis of the Most Massive Galaxies"
PI: **M. Bernardi**

HST-GO-10199.06-A – US$ 113,148 / US$ 100,148 to P.I. (2005 – 2007)
"The Most Massive Galaxies in the Universe: Double Trouble?"
PI: **M. Bernardi**, CoI: R. K. Sheth, K. Gebhardt, R. C. Nichol

SDSS: Spectroscopic pipeline Builder
European Southern Observatory: Studentship (Oct 1996 - Apr 1999)

THESIS ADVISOR & POST-GRADUATE SCHOLAR SPONSOR:

Graduate Students: J. Hyde (UPenn, graduated May 2009), R. Gupta (UPenn), E. Tundo (U. Padova, UPenn), Hwajung Kang (Dartmouth College, UPenn)
Postdoctoral Scholar: A. Fritz, N. Roche (UPenn)
Undergrad Students: E. Chia (UPenn)

COMMITTEES & ADMINISTRATIVE ASSIGNMENTS:

2008	Colloquium Committee
2007	Undergrad Students Committee
2007	Liaison with SAS computing about sys admin needs
2006–2009	Member of PhD Thesis committee for John Parejko (Drexel)
2006	Graduate Students Committee
2005-Present	Astro Faculty Search Committee
2005	Member of PhD Thesis committee for Peter Allen (UPenn)

COURSES DEVELOPED AND TAUGHT AT PENN:

2008C	ASTR533001	Galaxies: Structure, Dynamics and Formation	6 students
2008A	ASTR001002	Survey of the Universe	72 students
2007A	ASTR001003	Survey of the Universe	21 students
2006C	ASTR001002	Survey of the Universe	63 students
2006C	PREC130001	Exploring the Stars	71 students
2006A	PHYS295-301	3×1.5 hrs lecture	8 students
2006A	ASTR001001	Survey of the Universe	54 students
2005C	ASTR001002	Survey of the Universe	69 students

COURSES DEVELOPED AND TAUGHT OUTSIDE PENN:

Galaxy Properties and Stellar Populations (10 hrs)	U. Padova (February 2009)
Galaxy Properties: formation and evolution (15 hours)	U. Padova (January 2006)
Galaxies and Stellar Populations (Summer school)	Naples (May 2005)

SYNERGISTIC ACTIVITIES:

Referee for AJ, ApJ, MNRAS, New Astronomy, A&A
Panel Member of the Extragalactic NOAO Telescope Allocation Committee
Panel Member of the NASA Extragalactic GALEX Telescope Allocation Committee
Public lectures: Chicago, Pittsburgh, Philadelphia, Vicenza

PRIMARY REFEREED PUBLICATIONS:

1. The age dependence of the size-stellar mass relation and some implications
   Shankar, F. & **Bernardi, M.**, 2009, MNRAS, 396, L76–L80

2. Spectral-based k-corrections and implications for the colour-magnitude relation of E/S0s and its evolution
   Roche, N., **Bernardi, M.** & Hyde, J. B. 2009, MNRAS, 398, 1549–1562

3. Evolution in the structural properties of early-type brightest cluster galaxies at small lookback time and dependence on the environment
   Bernardi, M. 2009, MNRAS, 395, 1491–1506

4. Curvature in the scaling relations of early-type galaxies
Hyde, J. B. & **Bernardi, M.** 2009, MNRAS, 394, 1978–1990

5. The luminosity and stellar mass Fundamental Plane of early-type galaxies
Hyde, J. B. & **Bernardi, M.** 2009, MNRAS, 396, 1171–1185

6. A search for the most massive galaxies. II. Structure, environment and formation
Bernardi, M., Hyde, J. B., Fritz, A., Sheth, R. K., Gebhardt, K. & Nichol, R. C. 2008, MNRAS, 391, 1191–1209

7. A search for the most massive galaxies. III. Surface brightness profiles and structural properties from HST images
Hyde, J. B., **Bernardi, M.**, Fritz, A., Sheth, R. K. & Nichol 2008, MNRAS, 391, 1559–1576

8. The evolution of the $M_{BH} - \sigma$ relation inferred from the age distribution of local early-type galaxies and AGN evolution
Shankar, F., **Bernardi, M.** & Haiman, Z. 2008, ApJ, 694, 867–878

9. In search of the largest velocity dispersion galaxies using the Hobby-Eberly Telescope
Salviander, S., Shields, G. A., Gebhardt K., **Bernardi, M.** & Hyde, J. B. 2008, ApJ, 687, 828–834

10. Decoding the spectra of SDSS early-type galaxies: new indicators of age and recent star formation
Rogers, B., Ferreras, I., Lahav, O., **Bernardi, M.**, Sugata, K., & Sukyoung K. Y. 2007, MNRAS, 382, 750–760

11. The $\sigma - L$ correlation in Nearby Early-Type Galaxies
Bernardi, M. 2007, AJ, 133, 1954–1961

12. Selection bias in the $M_\bullet - \sigma$ and $M_\bullet - L$ correlations and its consequences
Bernardi, M., Sheth, R. K., Tundo, E., & Hyde, J. B. 2007, ApJ, 660, 267–275

13. On the inconsistency between the black hole mass function inferred from $M_\bullet - \sigma$ and $M_\bullet - L$ correlations
Tundo, E., **Bernardi, M.**, Hyde, J. B., Sheth, R. K., & Pizzella, A. 2007, ApJ, 663, 53–60

14. The ages, metallicities and star formation histories of SDSS early-type galaxies
Jimenez, R., **Bernardi, M.**, Haiman, Z., Panter, B., & Heavens, A. F. 2007, ApJ, 669, 947–951

15. Inferring the cosmic evolution of quasars from the age distribution of local early-type galaxies
Haiman, Z., Jimenez, R., & **Bernardi, M.** 2007, ApJ, 658, 721–730

16. The luminosities, sizes and velocity dispersions of Brightest Cluster Galaxies: Implications for formation history
Bernardi, M., Hyde, J. B., Sheth, R. K., Miller, C. J., & Nichol, R. C. 2007, AJ, 133, 1741–1755

17. A search for the most massive galaxies: Double Trouble?
Bernardi, M., Sheth, R. K., Nichol, R. C. et al. 2006, AJ, 131, 2018–2034

18. Evolution and environment of early-type galaxies
Bernardi, M., Nichol, R. C., Sheth, R. K., Miller, C. J. & Brinkmann, J. 2006, AJ, 131, 1288–1317

19. Colors, magnitudes and velocity dispersions in early-type galaxies: Implications for galaxy ages and metallicities
Bernardi, M., Sheth, R. K., Nichol, R. C., Schneider, D. P. & Brinkmann, J. 2005, AJ, 129, 61–72

20. Redshift-Distance Survey of Early-Type Galaxies: Spectroscopic Data
Wegner, G., **Bernardi, M.**, Willmer, C. N. A., da Costa, L. N., Alonso, M. V., Pellegrini, P. S., & Maia, M. A. G. 2004, AJ, 126, 2268–2280

21. The quasar epoch and the stellar ages of early-type galaxies
Cattaneo, A. & **Bernardi, M.** 2003, MNRAS, 344, 45–52

22. The velocity dispersion function of early-type galaxies
Sheth, R. K., **Bernardi, M.**, Schechter, P. et al. 2003, ApJ, 594, 225–231

23. Early-type galaxies in the SDSS. I. The sample
Bernardi, M., Sheth, R. K., Annis J. et al. 2003, AJ, 125, 1817–1848

24. Early-type galaxies in the SDSS. II. Correlations between observables
Bernardi, M., Sheth, R. K., Annis J. et al. 2003, AJ, 125, 1849–1865

25. Early-type galaxies in the SDSS. III. The Fundamental Plane
Bernardi, M., Sheth, R. K., Annis J. et al. 2003, AJ, 125, 1866–1881

26. Early-type galaxies in the SDSS. IV. Colors and chemical evolution
Bernardi, M., Sheth, R. K., Annis J. et al. 2003, AJ, 125, 1882–1896

27. Redshift-distance Survey of Early-type Galaxies: Circular Aperture Photometry
Alonso, M. V., **Bernardi, M.**, da Costa, L. N., Wegner, G., Willmer, C. N. A., Pellegrini, P. S., & Maia, M. A. G. 2003, AJ, 125, 2307–2324

28. A feature at $z \sim 3.2$ in the evolution of the Lyα forest optical depth
Bernardi, M., Sheth, R. K., Subbarao M. et al. 2003, AJ, 125, 32–52

29. Detection of He II reionization in the SDSS quasar sample
Theuns, T., **Bernardi, M.**, Frieman, J., Hewett, P., Schaye, J., Sheth, R. K., & Subbarao M. 2002, ApJ Letters, 574, 111–114

30. Redshift-distance Survey of Early-type Galaxies. I. The ENEARc Cluster Sample
Bernardi, M., Alonso, M. V., da Costa, L. N., Willmer, C. N. A., Wegner, G., Pellegrini, P. S., Rité, C., & Maia, M. A. G. 2002, AJ, 123, 2990–3017

31. Redshift-distance Survey of Early-type Galaxies. II. The Dn-σ Relation
Bernardi, M., Alonso, M. V., da Costa, L. N., Willmer, C. N. A., Wegner, G., Pellegrini, P. S., Rité, C., & Maia, M. A. G. 2002, AJ, 123, 2159–2182

32. Sloan Digital Sky Survey: Early Data Release
Stoughton, C., Lupton, R. H., **Bernardi, M.** et al. 2002, AJ, 123, 485–548

33. Large-scale power spectrum and structures from the ENEAR galaxy peculiar velocity catalogue
Zaroubi, S., **Bernardi, M.**, da Costa, L. N., Hoffman, Y., Alonso, M. V., Wegner, G., Willmer, C. N. A., & Pellegrini, P. S. 2001, MNRAS, 326, 375–386

34. Toward an Alternative Way of Looking at Elliptical Galaxies: Case Studies for NGC 4649 and NGC 7097
De Bruyne, V., Dejonghe, H., Pizzella, A., **Bernardi, M.**, and Zeilinger, W. W. 2001, ApJ, 546, 903–915

35. Comparison of the ENEAR peculiar velocities with the PSCz gravity field
Nusser, A., da Costa, L. N., Branchini, E., **Bernardi, M.**, Alonso, M. V., Wegner, G., Willmer, C. N. A., & Pellegrini, P. S. 2001, MNRAS, 320, 21–24

36. Redshift-Distance Survey of Early-Type Galaxies. I. Sample Selection, Properties, and Completeness
da Costa, L. N., **Bernardi, M.**, Alonso, M. V., Wegner, G., Willmer, C. N. A., Pellegrini, P. S., Rité, C., & Maia, M. A. G. 2000, AJ, 120, 95–109

37. ENEAR Redshift-Distance Survey: Cosmological Constraints
Borgani, S., **Bernardi, M.**, da Costa, L. N., Wegner, G., Alonso, M. V., Willmer, C. N. A., Pellegrini, P. S., & Maia, M. A. G. 2000, ApJ Letters, 537, 1–4

38. Redshift-Distance Survey of Early-Type Galaxies: Dipole of the Velocity Field
da Costa, L. N., **Bernardi, M.**, Alonso, M. V., Wegner, G., Willmer, C. N. A., Pellegrini, P. S., Maia, M. A. G., & Zaroubi, S. 2000, ApJ Letters, 537, 81–84

39. Cluster versus Field Elliptical Galaxies and Clues on Their Formation
Bernardi, M., Renzini, A., da Costa, L. N., Wegner, G., Alonso, M. V., Pellegrini, P. S., Rité, C., & Willmer, C. N. A. 1998, ApJ Letters, 508, 143–146

OTHER REFEREED PUBLICATIONS:

40. The Seventh Data Release of the Sloan Digital Sky Survey, The SDSS collaboration (Abazajian, K. et al.) 2009, ApJS, 182, 543–558

41. The Sixth Data Release of the Sloan Digital Sky Survey, The SDSS collaboration (Adelman-McCarthy, J. K. et al.) 2008, ApJS, 175, 297–313

42. The Fifth Data Release of the Sloan Digital Sky Survey, The SDSS collaboration (Adelman-McCarthy, J. K. et al.) 2007, ApJS, 172, 634–644

43. The Forth Data Release of the Sloan Digital Sky Survey, The SDSS collaboration (Adelman-McCarthy, J. K. et al.) 2006, ApJS, 162, 38–48

44. The C4 Clustering Algorithm: Clusters of Galaxies in the Sloan Digital Sky Survey, Miller, C. J., Nichol, R. C., Reichart, D. et al. 2005, AJ, 130, 968–1001

45. The Third Data Release of the Sloan Digital Sky Survey, The SDSS collaboration (Abazajian, J. K. et al.) 2005, AJ, 129, 1755–1759

46. Sloan Digital Sky Survey Imaging of Low Galactic Latitude Fields: Technical Summary and Data Release, Finkbeiner, D. P., Padmanabhan N., Schlegel D. J., et al. 2004, AJ, 128, 2577–2592

47. The Second Data Release of the Sloan Digital Sky Survey, The SDSS collaboration (Abazajian, J. K. et al.) 2004, AJ, 128, 502–512

48. Stellar and Dynamical Masses of Ellipticals in the Sloan Digital Sky Survey, Padmanabhan, N., Seljak, U., Strauss, M. A. et al. 2004, New Astronomy, 9, 329–342

49. SDSS J0903+5028: A New Gravitational Lens, Johnston, D. E., Gordon, T. R., Frieman, J. A. et al. 2003, AJ, 126, 2281–2290

50. The morphology-density relation in the Sloan Digital Sky Survey, Goto, T., Yamauchi, C., Fujita, Y. et al. 2003, MNRAS, 346, 601–614

51. Star formation rate indicators in the Sloan Digital Sky Survey, Hopkins, A. M., Miller, C. J., Nichol, R. C., **Bernardi, M.** et al. 2003, ApJ, 599, 971–991

52. The environment of AGNs in the Sloan Digital Sky Survey, Miller, C. J., Nichol, R. C., Gomez, P. L., Hopkins, A. M., & **Bernardi, M.** 2003, ApJ, 597, 142–156

53. An estimate of $\Omega_{\rm m}$ without priors, Feldman, H. A., Juszkiewicz, R., Ferreira, P. G. et al. 2003, ApJ, 596, 131–134

54. The First Data Release of the Sloan Digital Sky Survey, The SDSS collaboration (Abazajian, J. K. et al.) 2003, AJ, 126, 2081–2086

55. H_δ-Selected Galaxies in the Sloan Digital Sky Survey I: The Catalog, Goto, T., Nichol, R. C., Miller, C. J., **Bernardi, M.** et al. 2003, PASJ, 55, 771–787

56. The Environment of Passive Spiral Galaxies in the SDSS, Goto, T., Okamura, S., Sekiguchi, M., **Bernardi, M.** et al. 2003, PASJ, 55, 757–770

57. The Morphological Butcher-Oemler effect in the SDSS: Cut & Enhance Galaxy Cluster Catalog, Goto, T., Okamura, S., Yagi, M. et al. 2003, PASJ, 55, 739–755

58. Average spectra of massive galaxies in the SDSS, Eisenstein, D. J., Hogg, D. W., Fukugita, M. et al. 2003, ApJ, 585, 694–713

59. Galaxy Star-Formation as a Function of Environment in the Early Data Release of the Sloan Digital Sky Survey, Gomez, P., Nichol, R., Miller, C. et al. 2003, ApJ, 584, 210–227

60. Stellar Masses and Star Formation Histories for 80,000 Galaxies from the Sloan Digital Sky Survey, G. Kauffmann, T. M. Heckman, S. D. M. White et al. 2003, MNRAS, 341, 33–53

61. Optical and Radio Properties of Extragalactic Sources Observed by the FIRST Survey and the Sloan Digital Sky Survey, Zeljko, I., Menou, K., Knapp, G. R. et al. 2002, AJ, 124, 2364–2400

62. Spectroscopic Target Selection in the Sloan Digital Sky Survey: The Main Galaxy Sample, Strauss, M. A., Weinberg, D. H., Lupton, R. H. et al. 2002, AJ, 124, 1810–1824

63. Composite Luminosity Functions of the Sloan Digital Sky Survey "Cut and Enhance" Galaxy Cluster Catalog, T. Goto, S. Okamura, T. A. Mckay et al. 2002, PASJ, 54, 515–525

64. Galaxy Clustering in Early Sloan Digital Sky Survey Redshift Data, Zehavi, I., Blanton, M. R., Frieman, J. A. et al. 2002, ApJ, 571, 172–190

65. The Sloan Digital Sky Survey Quasar Catalog. I. Early Data Release, Schneider, D. P., Richards, G. T., Fan, X. et al. 2002, AJ, 123, 567–577

66. Spectroscopic Target Selection for the Sloan Digital Sky Survey: The Luminous Red Galaxy Sample, Eisenstein, D. J., Annis, J., Gunn, J. E. et al. 2001, AJ, 122, 2267–2280

67. High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. VI. Sloan Digital Sky Survey Spectrograph Observations, Anderson, S. F., Fan, X., Richards, G. T. et al. 2001, AJ, 122, 503–517

68. Composite Quasar Spectra from the Sloan Digital Sky Survey, Vanden Berk, D. E., Richards, G. T., Bauer, A. et al. 2001, AJ, 122, 549–564

69. Colors of 2625 Quasars at $0 < z < 5$ Measured in the Sloan Digital Sky Survey Photometric System, Richards, G. T., Fan, X., Schneider, D. P. et al. 2001, AJ, 121, 2308–2330

70. The Luminosity Function of Galaxies in SDSS Commissioning Data, Blanton, M. R., Dalcanton, J., Eisenstein, D. et al. 2001, AJ, 121, 2358–2380

SUBMITTED WORK UNDER REVIEW:

1. Galaxy luminosities, stellar masses, sizes, velocity dispersions as a function of morphological type
Bernardi, M., Shankar, F., Hyde, J. B., Mei, S., Sheth, R. K. & Marulli, F. 2009, MNRAS, submitted (arXiv:0910.1093)

2. Colour Gradients and Colour-Magnitude Relation of Brightest Cluster Galaxies compared to E/S0 Galaxies: Implications for their formation
Roche, N., **Bernardi, M.** & Hyde, J. B. 2009, MNRAS, submitted (arXiv:0911.0044)

3. The Size Function of SDSS Early-type Galaxies: further constraining on Galaxy evolution models
Shankar, F., Marulli, F., **Bernardi, M.**, Boylan-Kolchin, M., Dai, X. & Khochfar, S., 2009, MNRAS, submitted

4. Sizes and ages of SDSS early-type galaxies: Comparison with hierarchical galaxy formation models
Shankar, F., Marulli, F., **Bernardi, M.**, Dai, X., Hyde, J. B. & Sheth, R. K. 2009, MNRAS, submitted

5. The role of environment on the formation of early-type galaxies
Rogers, B., Ferreras, I., Pasquali, A., **Bernardi, M.**, Lahav, O. & Kaviraj, S. 2009, MNRAS, submitted

6. Cosmic Evolution of Mass, Size, and Velocity Dispersion for Elliptical Type Galaxies
Fan, L., Lapi, A., **Bernardi, M.**, Bressan, A., De Zotti, G. & Danese, L. 2009, ApJ, sumbitted

REFEREED PROCEEDINGS:

- Large Scale Structure in the Sloan Digital Sky Survey, **M. Bernardi** 2004, in Measuring and Modeling the Universe, ed. W. L. Freedman (Cambridge: Cambridge Univ. Press), Carnegie Observatories Astrophysics Series, 2, 207–216

PROCEEDINGS:

- The Sloan Digital Sky Survey QSO absorption line catalogue, York, et al. 2005, IAU Colloquium Proceedings of the International Astronomical Union 199, edited by Peter R. Williams, Cheng-Gang Shu and Brice Menard. Cambridge: Cambridge University Press 2005., 58-64

- Early-type galaxies in the SDSS: constraints on models of galaxy formation, **M. Bernardi** 2004, in Multiwavelength Mapping of galaxy formation and evolution, ed. R. Bender & A. Renzini (Springer-Verlag series "ESO Astrophysics Symposia"), 308-311

- Galaxy Star Formation as a function of Environment, F. J. Castander, M. L. Balogh, **M. Bernardi** et al. 2003, in Science with the GTC, ed. J. M. Rodriguez Espinosa, F. G. Lopez, and V. M. Martin, RevMexAA SC, 16, 229–232

- Analysis of early-type galaxies in the SDSS, **M. Bernardi** 2002, in Astronomical Telescopes and Instrumentation, SPIE Proc., 4847, 13–24

- The Sloan Digital Sky Survey 1-Dimensional Spectroscopic Pipeline, M. SubbaRao, J. Frieman, **M. Bernardi**, J. Loveday, R. C. Nichol, F. J. Castander, & A. Meiksin 2002, in Astronomical Telescopes and Instrumentation, SPIE Proc., 4847, 452–460

- Observed correlations, evolution, and environmental dependence of 9000 early-type galaxies in the SDSS, **M. Bernardi** 2002, in Galaxy evolution: theory and observations, ed. V. Avila-Reese, C. Firmani, C. Frenk, and C. Allen, RevMexAA SC, 17, 167–170

- Mg2-sigma in Early-Type Galaxies and Spiral Bulges, Chiappini, C., Pellegrini, P. S., Rité, C., Maia, M. A. G., Ogando, R., Ramos, B,, Schiavon, R, P., Willmer, C. N. A., da Costa, L., **M. Bernardi**, Alonso, M. V., & Wegner, G. 2002, in Chemical Enrichment of Intracluster and Intergalactic Medium, ed. R. Fusco-Femiano and F. Matteucci, ASP Conf. Ser., 253, 321–324

- A Counterrotating Core in NGC 7097?, de Bruyne, V., Dejonghe, H., Pizzella, A., **M. Bernardi**, & Zeilinger, W. W 2001, in Galaxy Disks and Disk Galaxies, ed. J. G. Funes and E. M. Corsini, ASP Conf. Ser., 230, 441–442

- The nearby early-type galaxies survey (ENEAR): project description and some preliminary results, G. Wegner, L. N. da Costa, **M. Bernardi**, M. V. Alonso, C. N. A. Willmer, P.S. Pellegrini, C. Rité, and M. Maia 1999, in Cosmic Flows Workshop, ed. S. Courteau and J. Willick, ASP Conf. Ser., 201, 62–65

- Dark matter in elliptical galaxies: 3-integral modelling, R. P. Saglia, **M. Bernardi**, G. Bertin, F. Bertola, A. Pizzella, L. M. Buson, V. De Bruyne, H. Dejonghe, and W. W. Zeilinger 1997, in Dark and visible matter in galaxies, ed. M. Persic and P. Salucci, ASP Conf. Ser., 117, 106–109

- Shape of line profiles and dark matter in E galaxies,L. M. Buson, **M. Bernardi**, F. Bertola, A. Pizzella, G. Bertin, M. Stiavelli, H. Dejonghe, R. P. Saglia, and W. W. Zeilinger 1995, in Fresh views on elliptical galaxies, ed. A. Buzzoni, A. Renzini, and A. Serrano, ASP Conf. Ser., 86, 49–52

INVITED TALKS:

- Colloquium: Dartmouth College, October 2009
- Seminar: MPIA, Heidelberg, Germany, July 2009
- Visitor Professor at University of Paris D. Diderot, France, June 2009
- Colloquium: HIA, Victoria, Canada, April 2009
- Seminar: SISSA, Trieste, Italy, February 2009
- Seminar: University of Padova, Italy, February 2009
- Colloquium: Space Telescope Science Institute, December 2008
- Colloquium: University of Massachusetts, October 2008
- Seminar: Rutgers University, April 2008
- Galactic structure and the structure of galaxies, Ensenada, Mexico, March 2008
- The Eighth Great Lakes Cosmology Workshop, Columbus, May 2007
- Colloquium: University of Padova, Italy, January 2007
- Seminar: University of Barcelona, Spain, December 2006
- From Planets to Galaxies, Budapest, Hungary, June 2006
- Colloquium: Carnegie Observatories/CALTECH, Pasadena, March 2006
- Colloquium: University of Texas, Austin, February 2006
- Nearly Normal Galaxies in a ΛCDM Universe, Santa Cruz, August 2005
- MPE Workshop: Stellar Populations, a Rosetta Stone for Galaxy Formation, Ringberg Castle, July 2005
- Colloquium: Osservatorio Astronomico di Capodimonte, Roma, May 2005

- Lectures: "Scuola Nazionale di Astrofisica" (PhD School), Sant'Agata sui due Golfi, May 2005
- Colloquium: University of Padova (Asiago), Italy, November 2004
- The 1st KIAS International Workshop on Cosmology and Structure Formation, Seoul, October 2004
- Public Lecture: Pittsburgh (Allegheny Observatory), July 2004
- Seminar: University of Pennsylvania, April 2004
- Colloquium: University of Waterloo, February 2004
- Colloquium: NOAO La Serena, Chile, February 2004
- Colloquium: University of Michigan, January 2004
- Seminar: University of California at Berkeley, November 2003
- Colloquium: University of Massachusetts, October 2003
- Multiwavelength Mapping of Galaxy Formation and Evolution, Venezia, Italy, October 2003
- The 10th Marcel Grossmann Meeting (Galaxies and Large Scale Structure), Rio de Janeiro, Brazil, July 2003
- Workshop on Galaxy Evolution, Institute of Advanced Study, Jerusalem, Israel, June 2003
- American Astronomical Society Meeting 202, Nashville, May 2003
- Colloquium: Dartmouth College, March 2003
- Colloquium: University of California at Santa Barbara, February 2003
- Colloquium: Padova University, Italy, January 2003
- Colloquium: Penn State University, December 2002
- Carnegie Centennial Symposium, Measuring and Modeling the Universe, Pasadena, November 2002
- Astronomical Telescopes and Instrumentation, SPIE Conference, Kona, August 2002
- Public Lecture: Vicenza, Italy, July 2002
- Symposium on Galaxy evolution: Theory and Observations, Cozumel, April 2002
- Workshop on galaxy formation and evolution, Tucson, January 2002
- Public Lecture (Alumni meeting): Chicago, November 2001
- Workshop on SDSS galaxy properties, Kyoto, Japan, October 2001

- Seminar: Princeton University, July 2001
- Seminar: Carnegie Mellon University, May 2001
- Seminar: University of California at Berkeley, January 2001
- American Astronomical Society Meeting 197, Special Session, San Diego, January 2001
- Seminar: Max-Planck Institute, Garching, Germany, November 2000
- Seminar: Johns Hopkins University, September 2000
- Seminar: University of California at Santa Cruz, May 2000
- Seminar: University of Washington, Seattle, March 2000
- Seminar: University of Chicago, January 2000
- Seminar: Max-Planck Institute, Garching, Germany, December 1999