

CURRICULUM VITAE

October 15, 2009

Román Scoccimarro

Center for Cosmology and Particle Physics,
Department of Physics, New York University,
4 Washington Place, New York, NY 10003
Tel: (212)-992-8786
Fax: (212)-995-4016
e-mail: rs123@nyu.edu
<http://cosmo.nyu.edu/roman>

Education

- Licenciatura en Física, University of Buenos Aires, 1991.
- Ph.D. in Physics, The University of Chicago, 1996.

Positions Held

- 01/07 Associate Professor, Department of Physics, New York University.
- 01/01 - 12/06 Assistant Professor, Department of Physics, New York University.
- 09/04 - 12/04 Visiting Assistant Professor, Kavli Institute for Cosmological Physics, Univ. Chicago.
- 09/99 - 12/00 Member, Institute for Advanced Study, Princeton.
- 09/96 - 09/99 Post-Doctoral Fellow, Canadian Institute for Theoretical Astrophysics.
- 01/95 - 09/96 Research Assistant, Enrico Fermi Institute, The University of Chicago.
- 10/92 - 12/94 Teaching Assistant, Department of Physics, The University of Chicago.
- 03/91 - 09/92 Scientific Initiation Fellowship, University of Buenos Aires.
- 03/91 - 09/92 Teaching Assistant, Department of Physics, University of Buenos Aires.

Referee in Scientific Journals

- Astronomy & Astrophysics
- Astronomical Journal
- Astrophysical Journal
- Astrophysical Journal Letters
- Complex Systems
- Europhysics Letters
- Journal of Cosmology and Astroparticle Physics
- Monthly Notices of the Royal Astronomical Society
- Physics Letters
- Physical Review D
- Physical Review Letters

Publications

Published/Accepted:

1. J. R. García, R. Cebral, F. Di Giorgio, P. Romano, R. Scoccimarro, P. Wahnon & M. Zimmermann, *Bulletin d'Information du Centre de Données Stellaires* **34**, 67 (1988). *A Catalogue of Variable Stars in the Lowest Part of the Instability Strip.*

2. J. R. García, R. Cebral, F. Di Giorgio, D. Magaldi, P. Romano, R. Scoccimarro, P. Wahnou & M. Zimmermann, *Rev. Mex. Astr. Astrof.* **21**, 395 (1990). *On the distinction between δ -Scuti and SX Phoenicis Variable Stars.*
3. J. R. García, J. R. Cebral, R. Scoccimarro, P. Wahnou, R. Arena, V. Bazterra, L. Pelliza, A. Risi, M. L. Rodriguez & M. Zimmermann, *Astron. Astrophys. Suppl.* **109**, 201 (1995). *A catalogue of variable stars in the lower instability strip.*
4. E. Calzetta, M. Castagnino & R. Scoccimarro, *Phys. Rev. D* **45** (1992). *Coarse-Graining Approach to Quantum Cosmology.* (Undergraduate Thesis)
5. J. Frieman & R. Scoccimarro, *Astrophys. J. Lett.* **431**, L23 (1994). *Can MACHOs Probe the Shape of the Galaxy Halo?*
6. R. Scoccimarro & J. Frieman, *Astrophys. J. Suppl. Ser.* **105**, 37 (1996). *Loop Corrections in Non-linear Cosmological Perturbation Theory.*
7. R. Scoccimarro & J. Frieman, *Astrophys. J.* **473**, 620 (1996). *Loop Corrections in Non-linear Cosmological Perturbation Theory. II. Two-Point Statistics and Self-Similarity.*
8. R. Scoccimarro, *Astrophys. J.* **487**, 1 (1997). *Cosmological Perturbations: Entering the Non-Linear Regime.*
9. R. Scoccimarro, S. Colombi, J. N. Fry, J. Frieman, E. Hivon, & A. Melott, *Astrophys. J.*, **496**, 586 (1998). *Non-linear Evolution of the Bispectrum of Cosmological Perturbations.*
10. R. Scoccimarro, *MNRAS*, **299**, 1097 (1998). *Transients from Initial Conditions: A Perturbative Analysis.*
11. L. Knox, R. Scoccimarro, & S. Dodelson, *Phys. Rev. Lett.*, **81**, 2004 (1998). *The Impact of Inhomogeneous Reionization on Cosmic Microwave Background Anisotropy.*
12. R. Scoccimarro, H. Couchman, & J. Frieman, *Astrophys. J.*, **517**, 531 (1999). *The Bispectrum as a Signature of Gravitational Instability in Redshift Space.*
13. R. Scoccimarro, & J. Frieman, *Astrophys. J.*, **520**, 35 (1999). *Hyperextended Cosmological Perturbation Theory: Predicting Non-Linear Clustering Amplitudes.*
14. R. Scoccimarro, M. Zaldarriaga & L. Hui, *Astrophys. J.*, **527**, 1 (1999). *Power Spectrum Correlations Induced by Non-Linear Clustering.*
15. R. Scoccimarro, *Astrophys. J.*, **542**, 1 (2000). *Gravitational Clustering from χ^2 Initial Conditions.*
16. R. Scoccimarro, *Astrophys. J.*, **544**, 597 (2000). *The Bispectrum: From Theory to Observations.*
17. R. Scoccimarro, H. Feldman, J. Fry & J. Frieman, *Astrophys. J.*, **546**, 652 (2001). *The Bispectrum of IRAS Redshift Catalogs.*
18. R. Scoccimarro, R. Sheth, L. Hui, B. Jain, *Astrophys. J.*, **546**, 20 (2001). *How Many Galaxies Fit in a Halo? Constraints on Galaxy Formation Efficiency from Spatial Clustering.*
19. H. Feldman, J. Frieman, J. Fry, R. Scoccimarro, submitted to *Phys. Rev. Lett.*, **86**, 1434 (2001). *Constraints on Galaxy Bias, Ω_m , and Primordial Non-Gaussianity from the PSCz Survey.*
20. L. Van Waerbeke, T. Hamana, R. Scoccimarro, S. Colombi, F. Bernardeau, *MNRAS*, **322**, 918 (2001). *Weak Lensing Predictions at Intermediate Scales.*
21. R. Scoccimarro & H. Couchman, *MNRAS*, **325**, 1312 (2001). *A Fitting Formula for the Non-Linear Evolution of the Bispectrum.*
22. R. Sheth, L. Hui, A. Diaferio, & R. Scoccimarro, *MNRAS*, **325**, 1268 (2001). *Linear and nonlinear contributions to pairwise peculiar velocities.*

23. R. Sheth, A. Diaferio, L. Hui, & R. Scoccimarro, *MNRAS*, **326**, 463 (2001). *On the streaming motions of haloes and galaxies.*
24. R. Scoccimarro & R. Sheth, *MNRAS*, **329**, 629 (2002). *PTHalos: A fast method for generating mock galaxy distributions.*
25. I. Zehavi, M.R. Blanton, J.A. Frieman, D.H. Weinberg, H.J. Mo, M.A. Strauss et al., *Astrophys. J.*, **571**, 172 (2002). *Galaxy Clustering in Early SDSS Redshift Data.*
26. R. Scranton et al., *Astrophys. J.*, **579**, 48 (2002). *Analysis of Systematic Effects and Statistical Uncertainties in Angular Clustering of Galaxies from Early SDSS Data.*
27. A. Connolly, R. Scranton, D. Johnston et al., *Astrophys. J.*, **579**, 42 (2002). *The Angular Correlation Function of Galaxies from Early SDSS Data.*
28. M. Tegmark, S. Dodelson, D. Eisenstein, V. Narayanan, R. Scoccimarro, R. Scranton, M.A. Strauss et al., *Astrophys. J.*, **571**, 191 (2002). *The Angular Power Spectrum of Galaxies from Early SDSS Data.*
29. S. Dodelson, V.K. Narayanan, M. Tegmark, R. Scranton et al., *Astrophys. J.*, **572**, 140 (2002). *The 3-D Galaxy Power Spectrum from Early SDSS Angular Clustering Measurements.*
30. I. Szapudi, J.A. Frieman, R. Scoccimarro, A. Szalay et al., *Astrophys. J.*, **570**, 75 (2002). *Higher Order Moments of the Angular Distribution of Galaxies from Early SDSS Data.*
31. F. Bernardeau, S. Colombi, E. Gaztañaga, R. Scoccimarro, *Physics Reports*, **367**, 1 (2002). *Large-Scale Structure of the Universe and Cosmological Perturbation Theory.*
32. A. Szalay, B. Jain, T. Matsubara, R. Scranton, M.S. Vogeley et al., *Astrophys. J.*, **591**, 1 (2003). *KL Estimation of Power Spectrum Parameters from the Angular Distribution of Galaxies in Early SDSS Data.*
33. M. Zaldarriaga, R. Scoccimarro, L. Hui, *Astrophys. J.*, **590**, 1 (2003). *Inferring the Linear Power Spectrum from the Lyman- α Forest.*
34. A. Lidz, L. Hui, M. Zaldarriaga, R. Scoccimarro, *Astrophys. J.*, **579**, 491 (2002). *How Neutral is the Intergalactic Medium at $z = 6$?*
35. M. Zaldarriaga, R. Scoccimarro, *Astrophys. J.*, **584**, 559 (2003). *Higher-order moments of the cosmic shear and other spin two fields.*
36. A. Lue, R. Scoccimarro, G. Starkman, *Phys. Rev. D*, 69, 044005 (2004). *Differentiating between Modified Gravity and Dark Energy.*
37. R. Scoccimarro, E. Sefusatti, M. Zaldarriaga, *Physical Review D*, 69, 103513 (2004). *Probing Primordial Non-Gaussianity with Large-Scale Structure.*
38. I. Zehavi, D.H. Weinberg, Z. Zheng, A.A. Berlind, J.A. Frieman, R. Scoccimarro, R.K. Sheth, M.R. Blanton, M. Tegmark, H.J. Mo et al., *Astrophys. J.*, **608**, 16 (2004). *On Departures from a power law in the galaxy correlation function.*
39. M. Tegmark, M. Blanton, M. Strauss, F. Hoyle, D. Schlegel, R. Scoccimarro, M. Vogeley, D. Weinberg, I. Zehavi, et al, *Astrophys. J.*, **606**, 702 (2004) *The 3D power spectrum of galaxies from the SDSS.*
40. M. Tegmark, M. Strauss, M. Blanton, et al, *Physical Review D*, 69, 103501 (2004) *Cosmological parameters from SDSS and WMAP.*
41. A. Lue, R. Scoccimarro, G. Starkman, *Physical Review D*, 69, 124015 (2004). *Probing Newton's Constant on Vast Scales: DGP Gravity, Cosmic Acceleration and Large Scale Structure.*
42. R. Scoccimarro, *Physical Review D*, 70, 083007 (2004). *Redshift-space distortions, pairwise velocities, and nonlinearities.*
43. E. Sefusatti, R. Scoccimarro, *Physical Review D* **71** 063001 (2005). *Galaxy Bias and Halo-Occupation Numbers from Large-Scale Clustering.*

44. I. Zehavi, Z. Zheng, D.H. Weinberg, et al, *Astrophys. J.*, **630**, 1 (2005). *The Luminosity and Color Dependence of the Galaxy Correlation Function.*
45. E. Gaztañaga, R. Scoccimarro, *MNRAS*, **361**, 824 (2005). *The 3-point function in large scale structure: redshift distortions and galaxy bias.*
46. D.J. Eisenstein, I. Zehavi, D.W. Hogg, R. Scoccimarro, et al, *Astrophys. J.*, **633**, 560 (2005) *Detection of the Baryon Acoustic Peak in the Large-Scale Correlation Function of SDSS Luminous Red Galaxies.*
47. M. Crocce, R. Scoccimarro, *Physical Review D* 73, 063519 (2006). *Renormalized Cosmological Perturbation Theory.*
48. M. Crocce, R. Scoccimarro, *Physical Review D* 73, 063520 (2006). *Memory of Initial Conditions in Gravitational Clustering.*
49. K. Benabed, R. Scoccimarro, *Astron. & Astrophys.* 456, 421 (2006). *The cosmic shear three-point functions.*
50. A. J. S. Hamilton, C. D. Rimes, R. Scoccimarro, *MNRAS* 371, 1188(2006). *On measuring the covariance matrix of the nonlinear power spectrum from simulations.*
51. A. A. Berlind et al., *Astrophys. J.*, **167**, 1 (2006). *Percolation Galaxy Groups and Clusters in the SDSS redshift survey: Identification, Catalogs and the Multiplicity Function.*
52. E. Sefusatti, M. Crocce, S. Pueblas, R. Scoccimarro, *Physical Review D* 74, 023522 (2006). *Cosmology and the Bispectrum.*
53. M. Crocce, S. Pueblas, R. Scoccimarro, *MNRAS* 373, 369 (2006). *Transients from Initial Conditions in Cosmological Simulations.*
54. M. Tegmark, et al, *Physical Review D*, 74, 123507 (2006) *Cosmological constraints from the SDSS luminous red galaxies.*
55. R. E. Smith, R. Scoccimarro, R. K. Sheth, *Physical Review D* 75, 063512 (2007). *The Scale Dependence of Halo and Galaxy Bias: Effects in Real Space.*
56. M. Crocce, R. Scoccimarro, *Physical Review D*, 77 023533 (2008). *Nonlinear Evolution of Baryon Acoustic Oscillations.*
57. R. E. Smith, R. Scoccimarro, R. K. Sheth, *Physical Review D*, 77, 043525(2008). *Eppur Si Muove: On The Motion of the Acoustic Peak in the Correlation Function.*
58. R. E. Smith, R. K. Sheth, R. Scoccimarro, *Physical Review D* 78, 023523 (2008). *An analytic model for the bispectrum of galaxies in redshift space.*
59. F. Bernardeau, M. Crocce, R. Scoccimarro, submitted to *Physical Review D* 78, 103521 (2008). *Multi-point propagators in cosmological gravitational instability.*
60. S. Pueblas, R. Scoccimarro, submitted to *Physical Review D* 80, 043504 (2009). *Generation of vorticity and velocity dispersion by orbit crossing.*

Submitted:

61. M. Manera, R.K. Sheth, R. Scoccimarro, submitted to *MNRAS* [arXiv:0906.1314] (2009). *Large scale bias and the inaccuracy of the peak-background split.*
62. R. Scoccimarro, submitted to *Physical Review D* [arXiv: 0906.4545] (2009). *Large-Scale Structure in Brane-Induced Gravity I. Perturbation Theory.*
63. K.C. Chan, R. Scoccimarro, submitted to *Physical Review D* [arXiv: 0906.4548] (2009). *Large-Scale Structure in Brane-Induced Gravity II. Numerical Simulations.*
64. E.A. Kazin, M.R. Blanton,, R. Scoccimarro, C.K. McBride, A.A. Berlind et al, submitted to *ApJ* [arXiv: 0908.2598] (2009). *The Baryonic Acoustic Feature and Large-Scale Clustering in the SDSS LRG Sample.*

Conferences Attended

- 09/09 COSMO09 Conference, CERN
- 06/09 Workshop on *Testing General Relativity in the Cosmos*, Aspen Center for Physics
- 11/08 Paris-Stockholm Workshop on Consistent Infra-Red Modifications of Gravity, Paris
- 10/08 3rd Biennial Leopoldina Conference on Dark Energy, Munich
- 08/08 Workshop on *Modern Cosmology*, Benasque, Spain
- 06/08 Workshop on *Upcoming Lensing Surveys: Beyond the Obvious*, CITA, Toronto
- 03/08 Workshop on Structure Formation, University of Tokyo, Japan
- 02/08 Conference on *Nonequilibrium Phenomena in Cosmology and Particle Physics*, KITP, Santa Barbara
- 08/07 *Workshop on Galaxy Clustering*, Aspen Center for Physics
- 04/07 *Workshop on Non-Gaussianity*, University of Chicago
- 11/06 *Workshop on Infrared Modifications of Gravity*, Perimeter Institute
- 08/06 Benasque Cosmology Workshop: *Inflation, CMB and Large-Scale Structure*.
- 04/06 American Physical Society April meeting, Dallas, Texas.
- 05/05 *Conference on Computational Cosmology*, ICTP, Trieste.
- 12/04 *Fundamental Physics from Galaxy Clusters*, Fermilab.
- 08/04 *Cosmic Acceleration: Dark Energy or New Gravitational Physics?* Aspen Center for Physics, Colorado.
- 07/04 *Santa Fe Cosmology Summer Workshop*, Santa Fe, New Mexico.
- 01/04 *The Large-scale Distribution of Mass & Light in the Universe*, Aspen Center for Physics, Colorado.
- 07/03 *Fifth J.J. Giambiagi Winter School, Precision Cosmology*, University of Buenos Aires, Argentina.
- 03/03 *1st Oxford-Princeton Workshop on Cosmology*, Princeton University
- 03/03 *Cosmic Inflation*, University of California, Davis.
- 06/02 *Large-Scale Structure Workshop*, Aspen Center for Physics, Colorado.
- 07/01 *Santa Fe Cosmology Summer Workshop*, Santa Fe, New Mexico.
- 05/01 *Workshop on Structure Formation and Dark Matter Halos*, Fermilab.
- 08/00 *Kingston 2000 Meeting in Theoretical Astrophysics*, CITA, Toronto.
- 02/00 *15th Florida Workshop on Non-Linear Physics and Astronomy*, Univ. of Florida.
- 09/99 *Young Scholars Institute in Astroparticle Physics*, Max-Planck Institut für Astrophysik, Germany.
- 01/99 *Pritzker Symposium on the Status of Inflationary Cosmology*, Chicago, Illinois.
- 12/98 *19th Texas Symposium on Relativistic Astrophysics*, Paris, France.
- 11/98 *Sloan Summit on CMB Foregrounds*, Princeton, New Jersey.
- 09/98 *Young Scholars Institute in Astroparticle Physics*, Aspen Center for Physics, Colorado.
- 05/98 *Wide-Field Surveys in Cosmology*, 14th IAP Meeting, Paris.
- 06/97 *Precision Measures of Large-Scale Structure*, Aspen Center for Physics, Colorado.
- 05/97 *Dynamics and Statistics of Large-Scale Structure in the Universe*, University of Kansas, Kansas.
- 12/96 *18th Texas Symposium on Relativistic Astrophysics*, Chicago, Illinois.
- 12/96 *Weak Lensing Workshop*, Fermilab, Illinois.
- 03/96 *American Physical Society Meeting*, Indianapolis.
- 03/95 *Great Lakes Cosmology Workshop*, Case Western Reserve University, Cleveland.
- 08/94 *International School of Astrophysics "D. Challonge": The Early Universe*, Erice, Italy.
- 03/94 *Great Lakes Cosmology Workshop*, Williams Bay, Wisconsin.
- 07/92 *International Meeting of General Relativity and Gravitation*, GR13, Cordoba, Argentina.
- 07/91 *International Meeting of the International Astronomical Union*, Buenos Aires, Argentina.

Lectures, Talks and Seminars

- 09/09 Plenary Talk at COSMO09, CERN
Nonlinear Structure Formation: Analytical Approach
- 06/09 Talk at Aspen Workshop on *Testing General Relativity in the Cosmos*
Large-Scale Structure in Brane-Induced Gravity
- 04/09 Seminar at Fermi National Accelerator Laboratory
Large-Scale Structure in Modified Gravity
- 03/09 Seminar at Physics Department, University of Michigan
Large-Scale Structure in Modified Gravity
- 03/09 Seminar at Physics Department, Case-Western Reserve University
Large-Scale Structure in Modified Gravity
- 11/08 Invited Talk at Workshop on Consistent Infra-Red Modifications of Gravity, Paris
Non linear effects in brane induced gravity: resummations and N-body simulations
- 08/08 Invited Talk at Workshop on *Modern Cosmology*, Benasque, Spain
New Nonlinear Effects in Modified Gravity
- 06/08 Invited Talk at Workshop on *Upcoming Lensing Surveys: Beyond the Obvious*, CITA, Toronto
New Nonlinear Effects in Modified Gravity
- 03/08 Invited Talk at Workshop on Structure Formation, University of Tokyo, Japan
Renormalized Perturbation Theory
- 03/08 Seminar at Tohoku University, Japan
Recent Progress in Cosmological Perturbation Theory
- 02/08 Invited Talk at Conference on Nonequilibrium Phenomena in Cosmology and Particle Physics, KITP, Santa B.
Resummation Methods in Cosmological Gravitational Clustering
- 12/07 Seminar at Canadian Institute for Theoretical Astrophysics
Nonlinear Evolution of Baryon Acoustic Oscillations
- 11/07 Seminar at University of Pennsylvania
Nonlinear Evolution of Baryon Acoustic Oscillations
- 04/07 Seminar at Workshop on Non-Gaussianity, University of Chicago
Non-Gaussianity and Large-Scale Structure of the Universe
- 04/07 Seminar at University of California, Davis
Nonlinear Evolution of Baryon Acoustic Oscillations
- 11/06 Seminar at Modified Gravity Workshop, Perimeter Institute.
Large-Scale Structure in Brane-Induced Gravity
- 10/06 Seminar at Fermilab
Nonlinear Evolution of Baryon Acoustic Oscillations
- 08/06 Review Talk at Benasque Cosmology Workshop.
Nonlinear Evolution of Baryon Acoustic Oscillations
- 04/06 Review Talk at APS April meeting
Distinguishing Modified Gravity from Dark Energy
- 03/06 Seminar at Institut d'Astrophysique de Paris, France
Renormalized Cosmological Perturbation Theory
- 03/06 Seminar at Service de Physique Theorique, Saclay, France
Renormalized Cosmological Perturbation Theory
- 01/06 Astronomy Colloquium, Columbia University
Large-Scale Structure, Galaxies and Cosmological Parameters
- 12/05 Seminar at Institute for Strings, Cosmology and Astroparticle Physics, Columbia Univ.
Renormalized Cosmological Perturbation Theory
- 10/05 Seminar at Dept. of Physics, Univ. of Pennsylvania
New Insights into Structure Formation

Lectures, Talks and Seminars (cont.)

- 06/05 Lectures at Dept. of Physics, Univ. of Barcelona
The Growth of Large-Scale Structure: from the Early Universe to Galaxies
- 06/05 Seminar at Dept. of Physics, Univ. Autònoma of Barcelona
Renormalized Cosmological Perturbation Theory
- 05/05 Talk at Conference on Computational Cosmology, ICTP
Large-Scale Structure Beyond the Power Spectrum
- 12/04 Seminar at Kvali Center for Cosmological Physics, Univ. of Chicago
Galaxy Clustering: From HOD's to Brane-Induced Gravity
- 11/04 Seminar at Harvard-Smithsonian Center for Astrophysics,
Redshift distortions in the era of precision cosmology
- 07/04 Lectures at Santa Fe Cosmology Workshop
The Halo Model and Large-Scale Structure
- 01/04 Talk at Aspen Workshop
Probing Primordial Non-Gaussianity and Modifications of Gravity with Large Scale Structure
- 10/03 Colloquium at Department of Physics, Lehigh University
Probing the Large-Scale Structure of the Universe with Galaxies
- 07/03 Lectures at Fifth J.J. Giambiagi Winter School, "Precision Cosmology"
Large-Scale Structure of the Universe
- 03/03 Talk at 1st Oxford-Princeton Workshop on Cosmology, Princeton University
Computing the Redshift-Space Power Spectrum
- 06/02 Talk at Aspen Center for Physics Workshop
Redshift-Space Distortions
- 04/02 Seminar at Harvard Center for Astrophysics
Galaxy Clustering and the Halo Model
- 11/01 Seminar at Department of Physics, University of Pennsylvania
Modeling the Clustering of Galaxies
- 07/01 Talk at Santa Fe Cosmology Summer Workshop
Accurate Redshift-Space Distortions for 2dF and SDSS
- 05/01 Talk at Workshop on Structure Formation and Dark Matter Halos
PTHalos: A fast method for generating mock galaxy distributions
- 04/01 Seminar at Department of Physics, University of Delaware
Learning about Cosmology from Gravitational Clustering
- 10/00 Talk at Fermilab
Gravitational Clustering in Redshift Space
- 08/00 Talk at Kingston 2000 Meeting in Theoretical Astrophysics
Constraints on biasing and primordial non-Gaussianity from the PSCz survey
- 02/00 Talk at 15th Florida Workshop on Non-Linear Physics and Astronomy
A New Angle on Non-Linear Gravitational Clustering
- 12/99 Seminar at Department of Physics, Rutgers University
The Bispectrum of IRAS Galaxies
- 11/99 Seminar at Fermilab, Chicago
The Bispectrum of IRAS Galaxies
- 09/99 Seminar at Insitute for Advanced Study, Princeton
The Bispectrum of IRAS Galaxies
- 09/99 Talk at Young Scholars Institute in Astroparticle Physics, MPA, Germany
Understanding the Galaxy Power Spectrum from the Clustering of Dark Matter Halos
- 09/99 Talk at Young Scholars Institute in Astroparticle Physics, MPA, Germany
The Bispectrum of IRAS Galaxies

Lectures, Talks and Seminars (cont.)

- 08/99 Seminar at CITA
The Bispectrum of IRAS Galaxies
- 07/99 Seminar at Institut d'Astrophysique de Paris, France.
The Bispectrum of IRAS Galaxies
- 06/99 Seminar at Dept. of Physics, John Hopkins University.
The Bispectrum: From Theory to Observations
- 11/98 Talk at Sloan Summit on CMB Foregrounds, IAS, Princeton.
Effects of Inhomogeneous Reionization on CMB Anisotropies
- 11/98 Talk at Dept. of Physics, Princeton University.
Redshift Distortions and Higher-Order Statistics
- 10/98 Seminar at Dept. of Physics, Univ. of Florida, Gainesville.
Redshift Distortions and Higher-Order Statistics
- 09/98 Talk at Aspen Center for Physics, USA.
The Bispectrum as a Signature of Gravitational Instability
- 09/98 Seminar at CITA, Canada.
Redshift Distortions and Higher-Order Statistics
- 05/98 Talk at 14th IAP Meeting, Paris, France.
Redshift Distortions of Galaxy Clustering
- 03/98 Seminar at University of Waterloo, Canada.
Gravitational Clustering and Non-Linear Perturbation Theory
- 07/97 Talk at Aspen Center for Physics, USA.
Redshift-Space Distortions of Clustering
- 05/97 Talk at University of Kansas, USA.
Non-Linear Evolution of the Bispectrum of Cosmological Perturbations
- 02/97 Seminar at CITA, Canada.
Understanding Gravitational Clustering with Non-Linear Perturbation Theory
- 12/96 Talk at 18th Texas Symposium on Relativistic Astrophysics, Chicago, USA.
Understanding Gravitational Clustering with Non-Linear Perturbation Theory
- 03/96 Talk at APS Meeting, Indianapolis, USA.
Loop Corrections in Non-Linear Perturbation Theory