

Some Invited Talks by S. G. Rajeev

1. *Entropy as Cohomology of Free Algebras* Invited talk at the Workshop on "Free Probability and Random Matrices", Fields Institute, Toronto, Canada, Dec 2001.
2. *NonCommutative Integration in Physics* Mathematics department, University of Waterloo, Canada, Nov 2000.
3. *Vector Fields in Non-Commutative Geometry* Invited talk at the MidWestern Geometry Conference, University of Iowa, Nov 2000.
4. *Structure of the Proton: Soliton or Bound State* Departmental Colloquium, Syracuse University, Nov 2000.
5. *Structure Functions of Hadrons*, Lattice QCD 2000, Bangalore August 2000.
6. *Derivations of Cuntz Algebras and Vector Fields in Non-Commutative Geometry*, International Congress of Mathematics Physics, London July 2000
7. *A String Field Theory of Strong Interactions Equivalent to QCD* QCD00, Montpellier July 2000.
8. *Two Dimensional Quantum HadronDynamics*, "From Strings to Hadrons", Heidelberg, June 2000.
9. *Renormalization of Bound States* U. of Iowa April 2000.
10. *The Challenge of the Twentyfirst Century: Strong Interaction Physics* Departmental Colloquium, U. of Iowa April 200.
11. *Confinement and Asymptotic Freedom in a Matrix Model* Syracuse University, March 2000.
12. *Invariants of Plane Curves from Two Dimensional Gauge Theory* Topology Seminar at the U. of Rochester Mathematics Department. Feb 2000.
13. *Renormalization in Quantum Mechanics and New Measures for Path Integrals* AMS National meeting, January 2000.
14. *Structure Functions of the Proton* Orbis Scientiae Conference, Ft; Lauderdale, Florida. Dec 1999.
15. *Derivation of the Structure Functions of the Proton* U. of Delaware, November 1999.
16. *Structure of the Proton* HERMES workshop, MIT, Oct 1999.
17. *Structure Functions of the Protons from a Soliton Model* Departmental Colloquium, University of Florida, September 1999
18. *Two Dimensional Hadron Dynamics* Particle Physics Seminar, U. of Florida, September 1999.
19. *Structure of the Proton* Two Invited Talks at the Workshop on Quantum Field Theory, Pacific Insitute of Mathematical Sciences, University of British Columbia, August 1999.
20. *Solitons* Association of Physics Teachers, University College, Trivandrum, India July 1999
21. *Particle Physics Today* University of Kerala, Kariavattom, Trivandrum, India, July 1999
22. *Geometry of Grassmannians and the Structure of the Proton*, AMS Sectional meeting April 24, 1999 .
23. *What is Inside a Proton?* Colloquium, Department of Physics and Astronomy, University of Rochester, February 99.

24. *Particle Physics Today*, University College, Trivandrum, India, December 1998.
25. *Graduate Education in Physics at American Universities*, University College, Trivandrum, India, December 1998.
26. *Large N limit of Yang–Mills Theories*, Set of talks at the Mittag–Lefler Institute, Stockholm, Program on Topology and Quantum Field Theory, September–October 98.
27. *Mathematical Principles of Hadronic Structure*, set of 15 lectures at Feza Gursev Institute, Istanbul, Turkey, August 98.
28. *Structure Functions of Hadrons*, SISSA Summer Institute, Trieste, Italy, July 98.
29. *Large N Quantum Chromodynamics*, PASCOS conference, Boston, Mar 98.
30. *Matrix Models of Hadron Masses*, Orbis Scientiae II conference in Miami Florida, Dec. 97.
31. *Two Dimensional Quantum Hadrodynamics*, U. of Montreal, Oct 97.
32. *Symmetry Algebras of Planar Matrix Models*, Institut de Hautes Etudes Scientifiques, Paris May 1997.
33. *Conformal Field Theory in Four Dimensions*, Orbis Scientiae conference in Miami, Florida, Jan 1997.
34. *Poisson Algebra of Wilson Loops*, Erwin Schrodinger Institute, Vienna July 1995.
35. *Kahler Metric on Universal Teichmuller Space*, Erwin Schrodinger Institute, Vienna July 1995.
36. *Geometry of Quantum Yang–Mills Theory* State University of New York at Buffalo, Nov. 1994.
37. *Two Dimensional Hadrodynamics and Open String Field Theory*, Univ. of North Carolina Oct 1994
38. *Two Dimensional Hadrodynamics and Open String Field Theory*, Iowa State University Oct 1994
39. *Two Dimensional Hadrodynamics* Chalmers Institute of Technology, Göteborg, Sweden March 1994.
40. *Two Dimensional Hadrodynamics* Royal Institute of Technology, Stockholm, March 1994.
41. *Renormalization in Quantum Mechanics*, Pennsylvania State University, Feb 94.
42. *Two dimensional Hadron Theory*, Pennsylvania State University, Feb 94.
43. *Two dimensional Hadron Theory*, Cornell University, Feb 94
44. *Two Dimensional Hadron Theory*, State University of New York at Buffalo, Nov. 93
45. *Introduction to Quantum Groups*, University of Naples, Naples, Italy, August 1993
46. *Two Dimensional Hadron Theory*, University of Naples, Naples, Italy, July 1993
47. *Strong Interactions*, Society of Physics Students, University of Rochester, April 1993.
48. *Two Dimensional Hadron Theory* Trinity College, Dublin, Ireland, June 1993
49. *Two Dimensional Hadron Theory* University of Cincinnati, Feb. 1993
50. *Towards a theory of Strong Interactions* University of Iowa, Feb. 1993
51. *Two Dimensional Hadron Theory*, Syracuse University, Feb. 1993
52. *Three Dimensional QCD and Current Algebra* Talk at the XXVIth International Conference on High Energy Physics, Dallas, Texas, August 1992
53. *Three Dimensional QCD*, International Center for Theoretical Physics and SISSA, Trieste, Italy, July 1992.

54. *Three Dimensional QCD*, Department of Physics, University of Naples, Naples, Italy, July 1992.
55. *Introduction to Quantum Groups and Poisson Lie Groups*, Series of Talks at the Department of Physics, University of Naples, Naples, Italy, July 1992.
56. *Two Dimensional Meson Theory*, Department of Mathematics, University of Jyvaskyla, Finland, November 1991.
57. *Meson Theory and QCD*, Lectures at the Helsinki-Leningrad Summer School, University of Helsinki, September 1991.
58. *Two-Dimensional Meson Theory*, Lectures at the Summer School on High Energy Physics and Cosmology, ICTP, Trieste. August 1991
59. *Anomalous Scaling of Strong Interactions at Low Energies*, Invited Talk at the ICTP Workshop on Superstrings, August 1991.
60. *Non-Commutative Generalizations of Yang-Mills Theory*, Invited Talk at the Lepton-Photon Symposium, Geneva, Switzerland. July 1991.
61. *Matrix Models with Global $SO(3)$ Invariance*, Invited talk at the XXth Differential Geometry Conference, Baruch College, New York. June 1991
62. *Matrix Models for Gauge Theories*, University of California at Los Angeles, April 1991.
63. *Non-perturbative Approach to Gauge Theories*, Series of talks at California Institute of Technology, April 1991
64. *Matrix Models for Gauge Theories*, University of Southern California, April 1991.
65. *Non-Perturbative Approaches to Gauge Theory*, University of British Columbia, February, 1991
66. *Bose-Fermi Correspondence and Number Theory*, Simon Fraser University, February, 1991.
67. *Matrix Models for Gauge Theories*, Fermilab, February 1991.
68. *Yang-Mills Theories and Matrix Models*, Indian Institute of Physics, Bangalore, India, January 1991.
69. *Universal Yang-Mills Theory* Los Alamos National Laboratory, December 1990
70. *Non-perturbative methods in Yang-Mills Theory* Aspen Institute of Physics, Aspen, Colorado, August, 1990.
71. *Universal Yang-Mills Theory* Princeton University (Joint Theory Seminar with Institute for Advanced Study) April 1990
72. *Universal Yang-Mills Theory* Cornell University, March 90