

Curriculum vitae

1. Personal data

Name: Andrei Belitsky

Home institute: Department of Physics,
Arizona State University,
Tempe, AZ 85287-1504, USA
Phone: 480 965 2218, Fax: 480 965 7954
e-mail: andrei.belitsky@asu.edu

2. Academic degrees

- **Nov. 1996** – *Ph.D.*, Bogoliubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research, Dubna, Russia:
PhD Thesis “*Analysis of hadron and photon structure functions in QCD sum rules*”; supervised by Prof. Anatoly V. Efremov
- **July 1993** – *M.S., summa cum laude*, Department of Physics, Yaroslavl State University, Russia and Moscow State University Research Center at Bogoliubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research, Dubna, Russia:
MS Thesis “*Transversity in QCD*”; supervised by Prof. Anatoly V. Efremov

3. Education

- **1993-1996** – Bogoliubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research, Dubna, Russia;
Speciality: 01.04.02 – Theoretical Physics
- **1992-1993** – Moscow State University Research Center at Bogoliubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research, Dubna, Russia;
Main subjects: Physics, Theoretical Physics
- **1988-1993** – Department of Physics, Yaroslavl State University, Russia;
Main subjects: Physics, Theoretical Physics

4. Professional appointments

- **since Aug. 2004** – *Assistant Professor* (tenure track), Department of Physics and Astronomy, Arizona State University, Tempe, AZ, USA
- **Nov. 2002 - July 2004** – *Research Assistant Professor*, Department of Physics, University of Maryland at College Park, College Park, MD, USA
- **Sep. 2001 - Oct. 2002** – *Research Associate*, Department of Physics, University of Maryland at College Park, College Park, MD, USA
- **Sep. 1999 - Aug. 2001** – *Research Associate*, C.N. Yang Institute for Theoretical Physics, State University of New York at Stony Brook, Stony Brook, NY, USA
- **Sep. 1997 - Aug. 1999** – *Alexander von Humboldt Fellow*, Institut für Theoretische Physik, Universität Regensburg, Regensburg, Germany
- **Nov. 1993 - Aug. 1997** – *Junior Research Scientist*, Bogoliubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research, Dubna, Russia

5. Awards and honors

- **June 2000 - Aug. 2000** – *Alexander von Humboldt Fellow*, Alexander von Humboldt Foundation, Germany
- **Sep. 1997 - Aug. 1999** – *Alexander von Humboldt Fellow*, Alexander von Humboldt Foundation, Germany
- **Sep. 1994 - Aug. 1996** – *Soros PhD student*, International Science Foundation, USA
- **Feb. 1993** – *Landau Minimum* in Quantum mechanics; examiner: Prof. Karen A. Ter-Martirosian, Institute of Theoretical and Experimental Physics, Moscow, Russia

6. Funded Grants

- **Aug. 2008 - Aug. 2011** – Grant PHY-0757394 from the National Science Foundation, USA; *New Tools to Study Strong Interaction Physics*, Andrei Belitsky (PI), Richard Lebed (co-PI); \$480,000
- **Aug. 2005 - Aug. 2008** – Grant PHY-0456520 from the National Science Foundation, USA; *Topics in Hadron and Flavor Physics, and Yang-Mills Integrability*, Andrei Belitsky (co-PI), Richard Lebed (PI); \$420,000
- **Sep. 1996 - Aug. 1997** – Grant RFBR-96-02-17631 from the Russian Foundation for Basic Research, Russia; with Anatoly Efremov, Oleg Teryaev, Sergei Mikhailov, Alexander Bakulev
- **Sep. 1994 - Aug. 1996** – Grant from the International (Soros) Science Foundation, USA (\$4,000)

7. Supervision of postdocs, long-term visitors, students

- **Sept. 2006 - Aug. 2008** – Dr. Herry Kwee (postdoc)
- **Sept. 2005 - Aug. 2006** – Dr. Dieter Müller (postdoc)
- **Jan. 2006 - May 2006** – Dr. David Karakhanyan (postdoc), Yerevan Physics Institute, Yerevan, Armenia
- **May 2006 - Sept. 2006** – Dr. Sergei Derkachov (postdoc), Steklov Mathematics Institute, St.-Petersburg, Russia
- **Sept. 2008 - up to now** – Mr. Joel Lynn (graduate student)
- **Jan. 2007 - up to now** – Mr. Xiang Chen (graduate student)
- **Jan. 2007 - up to now** – Mr. Duncan McFarland (graduate student)
- **Sept. 2007 - up to now** – Mr. Roman Pasechnik (graduate student)

8. Professional service

- Referee for Physical Review Letters, Physical Review C and D, Nuclear Physics A and B, Physics Letters B, JHEP
- Referee of NSF and (regular and OJI) DOE grant proposals
- Chairman at scientific conferences and workshops
- Organizer of scientific conferences and workshops:
 - **June 1996** – member of the organizing committee of the 3d International Conference ‘Renormalization Group 96’, Bogoliubov Laboratory of Theoretical Physics Joint Institute for Nuclear Research, Dubna, Russia
 - **Fall 2001 - Fall 2003** – organizer of the weekly seminar on Theoretical and Experimental Nuclear Physics, Department of Physics, University of Maryland, MD, USA
 - **July - Aug. 2003** – member of the organizing committee of the program “Generalized Parton Distributions and Hard Exclusive Processes”, Institute for Nuclear Theory, University of Washington, Seattle, WA, USA
 - **Aug. 2003** – member of the organizing committee of the Fourth Circum Pan Pacific Spin Symposium Institute for Nuclear Theory, University of Washington, Seattle, WA, USA
 - **Aug. 2003** – convener of the session Generalized Parton Distributions at Fourth Circum Pan Pacific Spin Symposium Institute for Nuclear Theory, University of Washington, Seattle, WA, USA
 - **March 2004** – member of the Organizing Committee of the second “Electron-Ion Collider Workshop”, Jefferson Laboratory, VA, USA

- **Fall 2005** – organizer of the biweekly seminar on Theoretical Nuclear and Particle Physics, Department of Physics and Astronomy, Arizona State University, AZ, USA
- **Spring 2008** – co-organizer of the biweekly seminar in Particle Physics and Astrophysics, Department of Physics, Arizona State University, AZ, USA
- **July 2009** – coordinator and organizer of the workshop “Recent Advances in QCD and Hadronic Physics”, ECT*, Trento, Italy

9. Teaching

- **Spring Semester 2009** – *Lecturer*, PHY531 Electrodynamics, Department of Physics and Astronomy, Arizona State University, AZ
- **Fall Semester 2008** – *Lecturer*, PHY532 Advanced Electrodynamics, Department of Physics and Astronomy, Arizona State University, AZ
- **Fall Semester 2008** – *Research Rotation*, S-parameter in Holographic Technicolor, Department of Physics and Astronomy, Arizona State University, AZ (student: Joel Lynn)
- **Spring Semester 2008** – *Research Rotation*, Generalized parton distributions and structure of hadrons, Department of Physics and Astronomy, Arizona State University, AZ (student: Duncan McFarland)
- **Spring Semester 2008** – *Lecturer*, PHY498/PHY598 Introduction to String Theory, Department of Physics and Astronomy, Arizona State University, AZ
- **Fall Semester 2007** – *Research Rotation*, Heisenberg spin chains and string spectra, Department of Physics and Astronomy, Arizona State University, AZ (student: Kyle Scanlan)
- **Fall Semester 2007** – *Lecturer*, PHY416 Quantum Physics III, Department of Physics and Astronomy, Arizona State University, AZ
- **Summer Semester 2007** – *Reading course*, PHY590 Wrapping effects in long-range spin chains, Department of Physics and Astronomy, Arizona State University, AZ (student: Mr. Xiang Chen)
- **Spring Semester 2007** – *Reading course*, PHY590 Integrability in Gauge and String Theories, Department of Physics and Astronomy, Arizona State University, AZ (student: Mr. Xiang Chen)
- **Spring Semester 2007** – *Lecturer*, PHY498/PHY598 Basics of String Theory, Department of Physics and Astronomy, Arizona State University, AZ
- **Spring Semester 2007** – *Lecturer*, PHY532 Electrodynamics, Department of Physics and Astronomy, Arizona State University, AZ
- **Fall Semester 2006** – *Lecturer*, PHY531 Advanced Electricity and Magnetism, Department of Physics and Astronomy, Arizona State University, AZ

- **Spring Semester 2006** – *Lecturer*, PHY532 Electrodynamics, Department of Physics and Astronomy, Arizona State University, AZ
- **Fall Semester 2005** – *Lecturer*, PHY531 Advanced Electricity and Magnetism, Department of Physics and Astronomy, Arizona State University, AZ
- **Spring Semester 2005** – *Lecturer*, PHY532 Electrodynamics, Department of Physics and Astronomy, Arizona State University, AZ
- **Fall Semester 2004** – *Lecturer*, PHY531 Advanced Electricity and Magnetism, Department of Physics and Astronomy, Arizona State University, AZ
- **Spring Semester 2004** – *Substitute for Lecturer*, PHY410 Classical Mechanics, Department of Physics, University of Maryland, MD
- **Fall Semester 2003** – *Substitute for Lecturer*, PHY374 Intermediate Theoretical Methods, Department of Physics, University of Maryland, MD
- **Fall Semester 2002** – *Substitute for Lecturer*, PHY401 Quantum Mechanics, Department of Physics, University of Maryland, MD
- **June 2002** – *Lecturer*, 17th Summer School HUGS@CEBAF, Jefferson Laboratory, Newport News, VA
- **Fall Semester 1999** – *Instructor*, PHY303 Mechanics, Physics Department, SUNY at Stony Brook, NY
- **Feb. 1997** – *Lecturer*, 31st St. Petersburg Winter School on Nuclear and Particle Physics, Repino, St. Petersburg, Russia
- **Spring Semester 1992** – *Instructor*, Quantum Mechanics, Department of Physics, Yaroslavl State University, Russia

10. Research visits

- **Dec. 2008** – Institut de Physique Théorique, Saclay, France
- **March 2008** – Laboratoire de Physique Théorique, Université de Paris XI, Orsay, France
- **Dec. 2007** – Visiting Fellow of the Isaac Newton Institute for Mathematical Sciences, Cambridge, UK
- **July 2007** – Laboratoire d'Annecy-le-Vieux de Physique Théorique, Annecy-le-Vieux, France
- **March 2007** – Laboratoire de Physique Théorique, Université de Paris XI, Orsay, France
- **July 2006** – Benasque Science Center, Benasque, Spain
- **July 2005** – Laboratoire de Physique Théorique, Université de Paris XI, Orsay, France

- **Nov. 2004** – KITP Program: “*QCD and String Theory*”, Kavli Institute for Theoretical Physics, University of California, Santa Barbara, CA, USA
- **July 2004** – Laboratoire de Physique Théorique, Université de Paris XI, Orsay, France
- **Sept. 2003** – Institute for Advanced Studies, Princeton, NJ, USA
- **July - Aug. 2003** – INT-03-2 Program “*Generalized parton distributions and hard exclusive processes*”, Institute for Nuclear Theory, University of Washington, Seattle, WA, USA
- **Aug. 2002** – Hall B, Jefferson Laboratory, Newport News, VA, USA
- **Nov. 2001** – Fachbereich Physik, Universität Wuppertal, Wuppertal, Germany
- **Sept. 2001** – Theory Group, Jefferson Laboratory, Newport News, VA, USA
- **Sept. 2001** – Hall B, Jefferson Laboratory, Newport News, VA, USA
- **May 2001** – Institute for Nuclear Theory, University of Washington, Seattle, WA, USA
- **Apr. 2001** – Laboratoire de Physique Théorique, Université de Paris XI, Orsay, France
- **Apr. 2001** – Fachbereich Physik, Universität Wuppertal, Wuppertal, Germany
- **June - Aug. 2000** – Insitute für Theoretische Physik, Universität Regensburg, Regensburg, Germany
- **May 2000** – Theory Group, Jefferson Laboratory, Newport News, VA, USA
- **Oct. 1998** – Theory Group, Jefferson Laboratory, Newport News, VA, USA
- **May 1998** – Laboratoire de Physique Théorique, Université de Paris XI, Orsay, France
- **Sept. 1997** – Institute of Theoretical Physics, Leipzig University, Leipzig, Germany
- **Nov. - Dec. 1996** – Theoretical Physics Division, CERN, Geneva, Switzerland

11. Seminars, colloquia, and talks at conferences, workshops, schools

1. **Dec. 2008** – Invited talk at the “Workshop on the interface between N=4 SUSY and QCD”, Laboratoire de Physique Théorique et Hautes Energies, Jussieu, Paris, France
2. **June 2008** – Invited talk at the conference “Selected Problems of Modern Theoretical Physics”, Bogoliubov Lab of Theoretical Physics, Joint Institute for Nuclear Research, Dubna, Russia
3. **May 2008** – Invited talk at the conference “String Methods for the Real World” within the program “From Strings to Things: String Theory Methods in QCD and Hadron Physics”, Institute for Nuclear Theory, University of Washington, Seattle, WA, USA

4. **March 2008** – Seminar at the Laboratoire de Physique Théorique, Université de Paris XI, Orsay, France
5. **Feb. 2008** – Seminar at the Department of Physics, University of Connecticut, Storrs, CT, USA
6. **Dec. 2007** – Invited talk at the workshop “Integrability and the gauge/string correspondence”, Isaac Newton Institute for Mathematical Sciences, Cambridge, UK
7. **July 2007** – Seminar at the Laboratoire d’Annecy-le-Vieux de Physique Théorique, Annecy-le-Vieux, France
8. **March 2007** – Seminar at the Laboratoire de Physique Théorique, Université de Paris XI, Orsay, France
9. **March 2007** – Seminar at the Stanford Linear Accelerator Center, Stanford, CA, USA
10. **Dec. 2006** – Seminar at the Department of Physics, Princeton University, Princeton, NJ, USA
11. **Dec. 2006** – Seminar at the C.N. Yang Institute of Theoretical Physics, State University of New York at Stony Brook, Stony Brook, NY, USA
12. **Dec. 2006** – Seminar at the Department of Physics, Brookhaven National Laboratory, Brookhaven, NY, USA
13. **Oct. 2006** – Invited talk at the 2006 Division of Nuclear Physics Annual Meeting of American Physical Society, Nashville, TN, USA
14. **July 2006** – Invited talk at the conference ”Hadrons and Strings”, ECT*, Trento, Italy
15. **July 2006** – Invited talk at the workshop ”QCD and Strings”, Benasque Science Center, Benasque, Spain
16. **June 2006** – Invited opening talk at the conference ”Generalized Parton Distributions 2006: The Present Status”, ECT*, Trento, Italy
17. **April 2006** – Seminar at the Department of Physics, University of Arizona, AZ, USA
18. **Oct. 2005** – Lecture for undergraduate students, PHY 190, Arizona State University, AZ, USA
19. **July - Aug. 2005** – Invited Talk at the Conference “Supersymmetries and Quantum Symmetries”, Joint Institute for Nuclear Research, Dubna, Russia
20. **July 2005** – Seminar at the Laboratoire de Physique Théorique, Université de Paris XI, Orsay, France
21. **Apr. 2005** – Invited Talk at the Conference “Deeply inelastic scattering and QCD”, Madison, Wisconsin, USA

22. **Apr. 2005** – Seminar at the Department of Physics, Ohio State University, Columbus, OH, USA
23. **Apr. 2005** – Seminar at the Department of Physics and Astronomy, Arizona State University, Tempe, AZ, USA
24. **July 2004** – Invited Talk at “*Hadron and Strings*”, ECT*, Trento, Italy
25. **June 2004** – Invited Talk at “*The 3rd International Symposium on the Gerasimov-Drell-Hearn Sum Rule and its extensions*”, Old Dominion University, Norfolk, VA, USA
26. **May 2004** – Invited Talk at Conference “*Continuous advances in QCD*”, Minneapolis, MN, USA
27. **March 2004** – Colloquium at the Department of Physics and Astronomy, Arizona State University, Tempe, AZ, USA
28. **March 2004** – Seminar at the Department of Physics and Astronomy, Arizona State University, Tempe, AZ, USA
29. **Dec. 2003** – Physics Division Seminar, Jefferson Laboratory, Newport News, VA, USA
30. **Dec. 2003** – Invited Rapporteur Talk at “*High- p_T probes at RHIC*”, Brookhaven National Laboratory, Upton, NY, USA: Proc. of RIKEN BNL Center, BNL-72069-2004, v. 57 (2004) 261-266
31. **Oct. 2003** – Seminar at Center for Theoretical Physics, Massachusetts Institute of Technology, Cambridge, MA, USA
32. **Sept. 2003** – Invited Talk at the Hall C User Group meeting, Jefferson Laboratory, Newport News, VA, USA
33. **Sept. 2003** – Invited Lecture at the Institute for Advanced Studies, Princeton, NJ, USA
34. **Sept. 2003** – Invited Talk at the Hall C User Group Meeting, Jefferson Laboratory, VA, USA
35. **June 2003** – Invited Talk at the User Group Annual Meeting and Symposium “*A Celebration of CEBAF Physics: Highlights of the First Seven Years*”, Jefferson Laboratory, VA, USA
36. **May 2003** – Invited Talk at the Conference “*Intersection of Nuclear and Particle Physics*”, New York City, NY, USA
37. **May 2003** – Invited Talk at the Workshop “*QCD and Strings*”, University of Michigan, Ann Arbor, MI, USA
38. **Apr. 2003** – Invited Talk at the 2003 Meeting of American Physical Society, Philadelphia, PA, USA

39. **Feb. 2003** – Colloquium at the Department of Physics, College of William and Mary, Williamsburg, VA, USA
40. **Feb. 2003** – Seminar at the Theory Group, Jefferson Lab, Newport News, VA, USA
41. **Jan. 2003** – Seminar at the Department of Physics, University of Maryland, College Park, MD, USA
42. **Jan. 2003** – Seminar at the Institute for Nuclear Theory, University of Washington, Seattle, WA, USA
43. **Nov. 2002** – Seminar at the Physics Department, Brookhaven National Laboratory, Upton, NY, USA
44. **Oct. 2002** – Seminar at the Department of Physics and Astronomy, State University of New York at Stony Brook, Stony Brook, NY, USA
45. **Oct. 2002** – Invited Talk at the Conference “*N Star 2002*”, Pittsburgh, PA, USA
46. **Aug. 2002** – Invited Talk at the Hall B discussion on 12 GeV upgrade, Jefferson Laboratory, VA, USA
47. **Aug. 2002** – Invited Talk at the Conference “*Light-cone 2002*”, Los Alamos National Laboratory, Los Alamos, NM, USA
48. **June 2002** – Invited Talk at the *Annual User Meeting and Workshop*, Jefferson Laboratory, VA, USA
49. **June 2002** – Invited Lectures at the *Summer School HUGS@CEBAF*, Jefferson Laboratory, VA, USA
50. **May 2002** – Invited Talk at the Workshop “*Exclusive processes at high momentum transfer*”, Jefferson Laboratory, VA, USA
51. **Apr. 2002** – Invited Talk at the Workshop “*Testing QCD through spin observables in nuclear targets*”, University of Virginia, Charlottesville, VA, USA
52. **March 2002** – Seminar at the Department of Physics, University of Regina, Canada
53. **March 2002** – Colloquium at the Department of Physics, University of Regina, Canada
54. **March 2002** – Invited Talk at the Conference “*Baryons 2002*”, Jefferson Laboratory, VA, USA
55. **Feb. 2002** – Invited Talk at the Workshop “*Electron-Ion Collider*”, Brookhaven National Laboratory, Upton, NY, USA
56. **Feb. 2002** – Invited Talk at the Workshop “*Flagship experiments for CLAS at JLab*”, Jefferson Laboratory, VA, USA

57. **Jan. 2002** – Invited Talk at the Conference “*Phenomenology of large- N QCD*”, Arizona State University, Tempe, AZ, USA
58. **Nov. 2001** – Seminar at the Fachbereich Physik, Universität Wuppertal, Wuppertal, Germany
59. **Nov. 2001** – Invited Talk at the Workshop “*Generalized parton distributions*”, Physikzentrum, Bad Honnef, Germany
60. **Sept. 2001** – Seminar at the Theory Group, Jefferson Laboratory, Newport News, VA, USA
61. **Sept. 2001** – Seminar at the Hall B, Jefferson Laboratory, Newport News, VA, USA
62. **July 2001** – Seminar at the Department of Physics, University of Maryland, College Park, MD, USA
63. **June 2001** – Seminar at the Institut Henri Poincaré, Université de Paris VI, Paris, France
64. **May 2001** – Invited Talk at the Workshop “*Generalized parton distributions*” of the INT-01-1 Program “*Correlation in nucleons and nuclei*”, Institute for Nuclear Theory, University of Washington, Seattle, WA, USA
65. **March 2001** – Invited Talk at the 36th Rencontres de Moriond “*QCD and Hadronic Interactions*”, Les Arcs 1800, France
66. **March 2001** – Seminar at the Laboratoire de Physique Théorique, Université de Paris XI, Orsay, France
67. **March 2001** – Seminar at the Fachbereich Physik, Universität Wuppertal, Wuppertal, Germany
68. **Feb. 2001** – Seminar at the Division of Theoretical Physics, Los Alamos National Laboratory, Los Alamos, NM, USA
69. **Feb. 2001** – Seminar at the Department of Physics, University of Maryland, College Park, MD, USA
70. **Sept. 2000** – Invited Talk at the Workshop of the TMR Network “*QCD and deep-inelastic structure of particles*”, Ministère de Recherche, Paris, France
71. **Sept. 2000** – Invited Talk at the Workshop “*Future transversity measurements*”, RIKEN Center at Brookhaven National Laboratory, Upton, NY, USA: Proc. of RIKEN BNL Center, BNL-52612, v. 29 (2000) 337-347
72. **Sept. 2000** – Invited Talk at the Workshop “*Skewed parton distributions and lepton-nucleon scattering*”, DESY, Hamburg, Germany
73. **July 2000** – Seminar at the Institut für Theoretische Physik, Universität Regensburg, Regensburg, Germany

74. **June 2000** – Invited Talk at the “*Spin Discussions*”, Brookhaven National Laboratory, Upton, NY, USA
75. **May 2000** – Seminar at the Theory Group, Jefferson Laboratory, Newport News, VA, USA
76. **May 2000** – Invited Talk at Conference “*Continuous advances in QCD*”, Minneapolis, MN, USA
77. **March 2000** – Invited Talk at the Workshop “*Predictions and uncertainties for RHIC spin physics*”, Brookhaven National Laboratory, Upton, NY, USA: Proc. of RIKEN BNL Center, BNL-52596, v. 27 (2000) 207-211
78. **Nov. 1999** – Seminar at the Department of Nuclear Physics, Brookhaven National Laboratory, Upton, NY, USA
79. **Oct. 1999** – Seminar at the C.N. Yang Institute for Theoretical Physics, State University of New York at Stony Brook, Stony Brook, NY, USA
80. **Aug. 1999** – Invited Talk at the Workshop “*Light-cone wave functions*”, Regensburg, Germany
81. **Apr. 1999** – Talk at the 7th Conference “*Deep-inelastic scattering and QCD*”, DESY, Zeuthen, Germany
82. **Jan. 1999** – Seminar at the Institute for Nuclear Theory, University of Washington, Seattle, WA, USA
83. **Dec. 1998** – Invited Talk at the Workshop “*Structure functions and hadronic wave functions*”, Physikzentrum, Bad Honnef, Germany
84. **Dec. 1998** – Seminar at the Theory Group, Jefferson Laboratory, Newport News, VA, USA
85. **Dec. 1998** – Seminar at the Department of Physics, University of Maryland, College Park, MD, USA
86. **Nov. 1998** – Seminar at the C.N. Yang Institute for Theoretical Physics, State University of New York at Stony Brook, Stony Brook, NY, USA
87. **June 1998** – Invited Talk at the Workshop “*Deep-inelastic nonforward and forward lepton-nucleon scattering*”, Regensburg, Germany: Proc. of DESY Zeuthen, (1998)
88. **May 1998** – Seminar at the Laboratoire de Physique Théorique, Université de Paris XI, Orsay, France
89. **Nov. 1997** – Seminar at the Institut für Theoretische Physik, Universität Regensburg, Regensburg, Germany
90. **Sept. 1997** – Seminar at the Institute of Theoretical Physics, Leipzig University, Leipzig, Germany

91. **Sept. 1997** – Talk at the Workshop “*Recent developments in QCD*”, DESY, Hamburg, Germany
92. **July 1997** – Talk at the Workshop “*High-energy spin physics*”, Bogoliubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research, Dubna, Russia
93. **Feb. 1997** – Seminar at the Bololiubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research, Dubna, Russia
94. **Feb. 1997** – Lectures at the *31st St. Petersburg Winter School on Nuclear and Particle Physics*, Repino, Russia
95. **Nov. 1996** – Seminar at the Theory Division, CERN, Geneva, Switzerland,
96. **Nov. 1996** – Seminar at the Bololiubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research, Dubna, Russia
97. **June 1996** – Talk at the Workshop “*3d Meeting on the prospects of nucleon-nucleon spin physics at HERA*”, Bololiubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research, Dubna, Russia
98. **May 1996** – Colloquium at the Bogoliubov Laboratory of Theoretical Physics Joint Institute for Nuclear Research, Dubna, Russia
99. **Sept. 1996** – Seminar at the Institute for Nuclear Research of the Russian Academy of Science Moscow, Russia
100. **May 1996** – Talk at the Conference “*Quarks-96*”, Yaroslavl, Russia
101. **Oct. 1995** – Talk at the “*50th Annual Meeting of Russian Academy of Science*”, Institute of Theoretical and Experimental Physics, Moscow, Russia
102. **Sept. 1995** – Talk at the Conference “*Spin-95*”, Institute for High Energy Physics, Protvino, Russia
103. **Sept. 1995** – Seminar at the Bogoliubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research, Dubna, Russia

12. List of publications

1. A.V. Belitsky, G.P. Korchemsky, R. Pasechnik, *Fine structure of anomalous dimensions in $N = 4$ super-Yang-Mills theory*, Nucl. Phys. B 809 (2009) 244, arXiv:0806.3657 [hep-ph].
2. A.V. Belitsky, *Fusion hierarchies for $N=4$ super-Yang-Mills theory*, Nucl. Phys. B 803 (2008) 171, arXiv:0803.2035 [hep-th].
3. A.V. Belitsky, *Strong coupling expansion of Baxter equation in $N=4$ SYM*, Phys. Lett. B 659 (2008) 732-740, arXiv:0710.2294 [hep-th].

4. A.V. Belitsky, J. Henn, C. Jarczak, D. Müller, E. Sokatchev, *Anomalous dimensions of leading twist conformal operators*, Phys. Rev. D 77 (2008) 045029, arXiv:0707.2936 [hep-th].
5. A.V. Belitsky, *Analytic Bethe Ansatz and Baxter equations for long-range $psl(2|2)$ spin chain*, Nucl. Phys. B 793 (2008) 363-395, arXiv:0706.4121 [hep-th].
6. A.V. Belitsky, *Baxter equation for long-range $SL(2|1)$ magnet*, Phys. Lett. B 650 (2007) 72-80, hep-th/0703058.
7. A.V. Belitsky, S.E. Derkachov, G.P. Korchemsky, A.N. Manashov, *Baxter Q -operator for graded $SL(2|1)$ spin chain*, J. Stat. Mech. (2007) P01005, hep-th/0610332.
8. A.V. Belitsky, *Long-range $SL(2)$ Baxter equation in $N = 4$ super-Yang-Mills theory*, Phys. Lett. B 643 (2006) 354-361, hep-th/0609068.
9. A.V. Belitsky, G.P. Korchemsky, D. Müller, *Towards Baxter equation in supersymmetric Yang-Mills theories*, Nucl. Phys. B 768 (2007) 116-134, hep-th/0605291.
10. A.V. Belitsky, A.S. Gorsky, G.P. Korchemsky, *Logarithmic scaling in gauge/string correspondence*, Nucl. Phys. B 748 (2006) 24, hep-th/0601112.
11. A.V. Belitsky, G.P. Korchemsky, D. Müller, *Integrability of two-loop dilatation operator in gauge theories*, Nucl. Phys. B 735 (2006) 17-83, hep-th/0509121.
12. A.V. Belitsky, A.V. Radyushkin, *Unraveling three-dimensional structure of hadrons with generalized parton distributions*, Phys. Rept. 418 (2005) 1-387, hep-ph/0504030.
13. A.V. Belitsky, S.É. Derkachov, G.P. Korchemsky, A.N. Manashov, *Superconformal operators in (super-)Yang-Mills theories on the light-cone*, Nucl. Phys. B 722 (2005) 191-221, hep-th/0503137.
14. A.V. Belitsky, D. Müller, G.P. Korchemsky, *Integrability in Yang-Mills theory on the light cone beyond leading order*, Phys. Rev. Lett. 94 (2005) 151603, hep-th/0412054.
15. A.V. Belitsky, S.É. Derkachov, G.P. Korchemsky, A.N. Manashov, *One-loop dilatation operator in (super-)Yang-Mills theories on the light-cone*, Nucl. Phys. B 708 (2005) 115-193, hep-th/0409120.
16. A.V. Belitsky, V.M. Braun, A.S. Gorsky, G.P. Korchemsky, *Integrability in QCD and beyond*, Int. J. Mod. Phys. A. 19 (2004) 4715-4788, hep-th/0407232.
17. A.V. Belitsky, S.É. Derkachov, G.P. Korchemsky, A.N. Manashov, *Quantum integrability in (super) Yang-Mills theory*, Phys. Lett. B 594 (2004) 385-401, hep-th/0403085.
18. A.V. Belitsky, S.É. Derkachov, G.P. Korchemsky, A.N. Manashov, *Superconformal operators in $\mathcal{N} = 4$ super-Yang-Mills theory*, Phys. Rev. D 70 (2004) 045021, hep-th/0311104.
19. A.V. Belitsky, X. Ji, F. Yuan, *Quark imaging in the proton via quantum phase-space distributions*, Phys. Rev. D 69 (2004) 074014, hep-ph/0307383.

20. A.V. Belitsky, D. Müller, *Probing generalized parton distributions with electorproduction of lepton pairs off the nucleon*, Phys. Rev. D 68 (2003) 116005, hep-ph/0307369.
21. A.V. Belitsky, *Renormalons in exclusive meson electroproduction*, AIP Conf. Proc. 698 (2004) 607-611, hep-ph/0307256.
22. A.V. Belitsky, A. Gorsky, G.P. Korchemsky, *Gauge/string duality and QCD conformal operators*, Nucl. Phys. B 667 (2003) 3-54, hep-th/0304028.
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