

CURRICULUM VITAE

as of 15.05.2014

PERSONAL DATA

FULL NAME : Dionysios Triantafyllopoulos
DATE OF BIRTH : 28 June 1971
PLACE OF BIRTH : Athens, Greece
CITIZENSHIP : Greek
FAMILY STATUS : Married, 2 children

CONTACT

ADDRESS : European Centre for Theoretical Studies
in Nuclear Physics and Related Areas (ECT*)
Strada delle Tabarelle 286
I-38123 Villazzano (TN), Italy
PHONE : +39 0461 314745
MOBILE : +39 340 2986962
EMAIL : trianta@ectstar.eu
SKYPE : tdionysis
WEBPAGE : www.ectstar.eu/people/profile/trianta

EDUCATION

2003 Ph.D. in Physics, Columbia University, New York, USA
Thesis Advisor: Alfred H. Mueller
1999 M.Sc. in Physics, Columbia University, New York, USA
1993 B.Sc. in Physics, University of Athens, Greece

APPOINTMENTS

2012- European Centre for Theoretical Studies in Nuclear Physics and Related Areas (ECT*)
and Fondazione Bruno Kessler, Trento, Italy
Tenured Researcher
2009-2012 European Centre for Theoretical Studies in Nuclear Physics and Related Areas (ECT*),
Trento, Italy
Senior Research Associate (5yr)
2008-2009 Institute for Theoretical Physics, Technical University of Vienna, Austria
Postdoctoral Fellow
2005-2008 European Centre for Theoretical Studies in Nuclear Physics and Related Areas (ECT*),
Trento, Italy
Postdoctoral Fellow
2003-2005 Institut de Physique Théorique, Saclay, CEA, France
Postdoctoral Fellow
1997-2003 Department of Physics, Columbia University, New York, USA
Research and Teaching Assistant

OTHER

- 1995-1996 Private School, Chalkida, Greece
Teaching Physics at High School level
- 1994-1995 Service in the Greek Army

TEACHING

- 2011-2014 *Quantum Chromodynamics*, University of Trento, Italy

OTHER

- 1999 Part of course *Mechanics and Relativity*, Columbia University, New York, USA
- 1998-1999 Problem sessions in *Quantum Mechanics I, Quantum Mechanics II and Advanced Mechanics*, Columbia University, New York, USA

PREPRINTS

1. E. Iancu, D.N. Triantafyllopoulos
Running Coupling Effects in the Evolution of Jet Quenching
To be submitted to Phys. Rev. D, arXiv:1405.3525
2. D. Binosi, A. Quadri, D.N. Triantafyllopoulos
High-energy QCD Evolution from Slavnov-Taylor Identities
Submitted to Eur. Phys. J. C, arXiv:1402.4022

ARTICLES

3. V. Mathieu, A.H. Mueller, D.N. Triantafyllopoulos
The Boltzmann Equation in Classical Yang-Mills Theory
Eur. Phys. J. C74, 2873 (2014), arXiv:1403.1184
4. E. Iancu, D.N. Triantafyllopoulos
JIMWLK Evolution for Multi-Particle Production in Langevin Form
JHEP 1311, 067 (2013), arXiv:1307.1559
5. M. Alvioli, G. Soyez, D.N. Triantafyllopoulos
Testing the Gaussian Approximation to the JIMWLK Equation
Phys. Rev. D87, 014016 (2013), arXiv:1212.1656
6. Y. Hatta, E. Iancu, A.H. Mueller, D.N. Triantafyllopoulos
Jet Evolution from Weak to Strong Coupling
JHEP 1212, 114 (2012), arXiv:1210.1534
7. E. Iancu, D.N. Triantafyllopoulos
JIMWLK Evolution in the Gaussian Approximation
JHEP 1204, 025 (2012), arXiv:1112.1104
8. E. Iancu, D.N. Triantafyllopoulos
Higher-Point Correlations from the JIMWLK Evolution
JHEP 1111, 105 (2011), arXiv:1109.0302

9. E. Avsar, A. Staśto, D.N. Triantafyllopoulos, D. Zaslavsky
Next-to-Leading and Resummed BFKL Evolution with Saturation Boundary
JHEP **1110**, 138 (2011), arXiv:1107.1252
10. Y. Hatta, E. Iancu, A.H. Mueller, D.N. Triantafyllopoulos
Radiation by a Heavy Quark in $\mathcal{N} = 4$ SYM at Strong Coupling
Nucl. Phys. **B850**, 31 (2011), arXiv:1102.0232
11. Y. Hatta, E. Iancu, A.H. Mueller, D.N. Triantafyllopoulos
Aspects of the UV/IR Correspondence: Energy Broadening and String Fluctuations
JHEP **1102**, 065 (2011), arXiv:1011.3763
12. E. Avsar, E. Iancu, L. McLerran, D.N. Triantafyllopoulos
Shockwaves and Deep Inelastic Scattering within the Gauge/String Duality
JHEP **0911**, 105 (2009), arXiv:0907.4604
13. E. Iancu, M.S. Kugeratski, D.N. Triantafyllopoulos
Geometric Scaling in Mueller-Navelet Jets
Nucl. Phys. **A808**, 95 (2008), arXiv:0802.0343
14. A. Dumitru, E. Iancu, L. Portugal, G. Soyez, D.N. Triantafyllopoulos
Pomeron Loop and Running Coupling Effects in High Energy QCD Evolution
JHEP **0708**, 062 (2007), arXiv:0706.2540
15. E. Iancu, J.T. de Santana Amaral, G. Soyez, D.N. Triantafyllopoulos
One-Dimensional Model for QCD at High Energy
Nucl. Phys. **A786**, 131 (2007), hep-ph/0611105
16. J.-P. Blaizot, E. Iancu, D.N. Triantafyllopoulos
A Zero Dimensional Model for High Energy Scattering in QCD
Nucl. Phys. **A784**, 227 (2007), hep-ph/0606253
17. Y. Hatta, E. Iancu, C. Marquet, G. Soyez, D.N. Triantafyllopoulos
Diffusive Scaling and the High Energy Limit of Deep Inelastic Scattering in QCD at Large N_c
Nucl. Phys. **A773**, 95 (2006), hep-ph/0601150
18. E. Iancu, G. Soyez, D.N. Triantafyllopoulos
On the Probabilistic Interpretation of the Evolution Equations with Pomeron Loops in QCD
Nucl. Phys. **A768**, 194 (2006), hep-ph/0510094
19. Y. Hatta, E. Iancu, L. McLerran, A. Staśto, D.N. Triantafyllopoulos
Effective Hamiltonian for QCD Evolution at High Energy
Nucl. Phys. **A764**, 423 (2006), hep-ph/0504182
20. J.-P. Blaizot, E. Iancu, K. Itakura, D.N. Triantafyllopoulos
Duality and Pomeron Effective Theory for QCD at High Energy and Large N_c
Phys. Lett. **B615**, 221 (2005), hep-ph/0502221
21. E. Iancu, D.N. Triantafyllopoulos
High Energy QCD Evolution with Improved Triple Pomeron Vertices
Phys. Lett. **B610**, 253 (2005), hep-ph/0501193
22. E. Iancu, D.N. Triantafyllopoulos
A Langevin Equation for High Energy Evolution with Pomeron Loops
Nucl. Phys. **A756**, 419 (2005), hep-ph/0411405
23. E. Iancu, K. Itakura, D.N. Triantafyllopoulos
Cronin Effect and High p_\perp Suppression in the Nuclear Gluon Distribution at Small- x
Nucl. Phys. **A742**, 182 (2004), hep-ph/0403103

24. D.N. Triantafyllopoulos
The Energy Dependence of the Saturation Momentum from RG Improved BFKL Evolution
Nucl. Phys. **B648**, 293 (2003), hep-ph/0209121
25. A.H. Mueller, D.N. Triantafyllopoulos
The Energy Dependence of the Saturation Momentum
Nucl. Phys. **B640**, 331 (2002), hep-ph/0205167
26. A.H. Mueller, D.N. Triantafyllopoulos
On the Relationship between Large Order Graphs and Instantons for the Double Well Oscillator
Nucl. Phys. **B595**, 567 (2001), hep-ph/0008266

PROCEEDINGS CONTRIBUTIONS AND LECTURE NOTES

27. E. Iancu, D.N. Triantafyllopoulos
JIMWLK Evolution: from Color Charges to Rapidity Correlations
Submitted to Nucl. Phys. A, arXiv:1405.2470
Proceedings of "Hard Probes 2013"
28. D. Binosi, A. Quadri, D.N. Triantafyllopoulos
Slavnov-Taylor Identity for the Effective Field Theory of the Color Glass Condensate
PoS EPS-HEP 189, 2013, arXiv:1402.4405
Proceedings of "EPS-HEP 2013"
29. E. Iancu, D.N. Triantafyllopoulos
JIMWLK Evolution for Multi-Particle Production with Rapidity Correlations
To appear in Nucl. Phys. A (2014), arXiv:1402.2458
Proceedings of "Initial Stages in High-Energy Nuclear Collisions 2013"
30. D.N. Triantafyllopoulos
The Color Glass Condensate and Some Applications
Acta Phys. Polon. Supp. 5, 1155 (2012), arXiv:1209.3183
Proceedings of "Excited QCD 2012"
31. D.N. Triantafyllopoulos
Multi-gluon correlations in the Color Glass Condensate
Nucl. Phys. **A910-911**, 506 (2013), arXiv:1209.0117
Proceedings of "Hard Probes 2012"
32. D.N. Triantafyllopoulos
Forward and Mueller-Navelet Jets
Acta Phys. Polon. Supp. 4, 549 (2011), arXiv:1107.1269
Proceedings of "Excited QCD 2011"
33. D.N. Triantafyllopoulos
Running Coupling Effects in Small- x QCD
Acta Phys. Pol. **B39**, 2287 (2008), arXiv:0804.1918
Lectures at "School on QCD, Low- x Physics, Saturation and Diffraction"
34. E. Iancu, D.N. Triantafyllopoulos *et al.* (173 authors)
 R_{pA} Ratio: Total Shadowing due to Running Coupling
J. Phys. **G35**, 054001 (2008), arXiv:0711.0974
Proceedings of "Heavy Ion Collisions at the LHC: Last Call for Predictions"

35. D.N. Triantafyllopoulos
Pomeron Loops in High Energy QCD
Acta Phys. Pol. **B36**, 3593 (2005), hep-ph/0511226
Lectures at "*Cracow School of Theoretical Physics, XLV Course, 2005*"
36. D.N. Triantafyllopoulos
From Classical to Quantum Saturation in the Nuclear Gluon Distribution
Eur. Phys. J. **C43**, 371 (2005), hep-ph/0502114
Proceedings of "*Hard Probes 2004*"

CITATIONS SUMMARY based on *inspirehep.net* as of 15.05.2014

- Publications : 36
- Received citations : 1622
- Citations per article : 45
- h_{HEP} index : 19
- Top cited articles : 1 of 250+, 4 of 100+ and 3 of 50+
- Inspirehep : inspirehep.net/author/D.N.Triantafyllopoulos.1
- Google Scholar : scholar.google.com/citations?user=PBfmoKcAAAAJ

TALKS, SEMINARS AND LECTURES

- 24 Talks at Internationals Conferences and Workshops
- 17 Seminars at Universities and Research Institutes
- 5 Lecture Series

WORKSHOPS ORGANIZED

- Jun 2013 Organizer (with F. Gelis, E. Iancu and C. Marquet) of the Workshop " *h_3 QCD (high energy, high density and hot QCD)*", at ECT*, Trento, Italy
- May 2011 Organizer (with F. Gelis, E. Iancu and C. Marquet) of the Workshop "*Standard and Novel QCD Phenomena at Hadron Colliders*", at ECT*, Trento, Italy

OTHER SERVICES

- Referee for Journal of High Energy Physics, Nuclear Physics A and B, Physics Letters B, Physical Review D, European Physical Journal A

LANGUAGES

- Greek (native) English (fluent) Italian (good) French (basic)

REFERENCES

- Jean-Paul Blaizot Institut de Physique Théorique, CEA/Saclay
Orme des Merisiers, Bât. 774
F-91191 Gif-sur-Yvette, France
TEL : +33 1 69 08 74 70
EMAIL : jean-paul.blaizot@cea.fr

- Edmond Iancu Institut de Physique Théorique, CEA/Saclay
Orme des Merisiers, Bât. 774
F-91191 Gif-sur-Yvette, France
TEL : +33 1 69 08 41 20
EMAIL : edmond.iancu@cea.fr

- Larry McLerran Department of Physics
Brookhaven National Laboratories
Upton, NY 11973, USA
TEL : 001 631 344 8294
EMAIL : mclerran@bnl.gov

- Alfred Mueller Department of Physics
Columbia University
538 West 120th Street
New York, NY 10027, USA
TEL : 001 212 854 3338
EMAIL : amh@phys.columbia.edu