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

2. D. Binosi, A. Quadri, D.N. Triantafyllopoulos
   High-energy QCD Evolution from Slavnov-Taylor Identities

Articles

3. V. Mathieu, A.H. Mueller, D.N. Triantafyllopoulos
   The Boltzmann Equation in Classical Yang-Mills Theory

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

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*

10. Y. Hatta, E. Iancu, A.H. Mueller, D.N. Triantafyllopoulos
    *Radiation by a Heavy Quark in $\mathcal{N}=4$ SYM at Strong Coupling*

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*

14. A. Dumitru, E. Iancu, L. Portugal, G. Soyez, D.N. Triantafyllopoulos
    *Pomeron Loop and Running Coupling Effects in High Energy QCD Evolution*

15. E. Iancu, J.T. de Santana Amaral, G. Soyez, D.N. Triantafyllopoulos
    *One-Dimensional Model for QCD at High Energy*

16. J.-P. Blaizot, E. Iancu, D.N. Triantafyllopoulos
    *A Zero Dimensional Model for High Energy Scattering in QCD*

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 $N_C$*

18. E. Iancu, G. Soyez, D.N. Triantafyllopoulos
    *On the Probabilistic Interpretation of the Evolution Equations with Pomeron Loops in QCD*

19. Y. Hatta, E. Iancu, L. McLerran, A. Staśto, D.N. Triantafyllopoulos
    *Effective Hamiltonian for QCD Evolution at High Energy*

    *Duality and Pomeron Effective Theory for QCD at High Energy and Large $N_C$*

21. E. Iancu, D.N. Triantafyllopoulos
    *High Energy QCD Evolution with Improved Triple Pomeron Vertices*

22. E. Iancu, D.N. Triantafyllopoulos
    *A Langevin Equation for High Energy Evolution with Pomeron Loops*

23. E. Iancu, K. Itakura, D.N. Triantafyllopoulos
    *Cronin Effect and High $p_T$ Suppression in the Nuclear Gluon Distribution at Small-x*
24. D.N. Triantafyllopoulos
The Energy Dependence of the Saturation Momentum from RG Improved BFKL Evolution

25. A.H. Mueller, D.N. Triantafyllopoulos
The Energy Dependence of the Saturation Momentum

26. A.H. Mueller, D.N. Triantafyllopoulos
On the Relationship between Large Order Graphs and Instantons for the Double Well Oscillator

Proceedings Contributions and Lecture Notes

27. E. Iancu, D.N. Triantafyllopoulos
JIMWLK Evolution: from Color Charges to Rapidity Correlations
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
Proceedings of "EPS-HEP 2013"

29. E. Iancu, D.N. Triantafyllopoulos
JIMWLK Evolution for Multi-Particle Production with Rapidity Correlations
Proceedings of "Initial Stages in High-Energy Nuclear Collisions 2013"

30. D.N. Triantafyllopoulos
The Color Glass Condensate and Some Applications
Proceedings of "Excited QCD 2012"

31. D.N. Triantafyllopoulos
Multi-gluon correlations in the Color Glass Condensate
Proceedings of "Hard Probes 2012"

32. D.N. Triantafyllopoulos
Forward and Mueller-Navelet Jets
Proceedings of "Excited QCD 2011"

33. D.N. Triantafyllopoulos
Running Coupling Effects in Small-x QCD
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
Proceedings of "Heavy Ion Collisions at the LHC: Last Call for Predictions"
35. D.N. Triantafyllopoulos

_Pomeron Loops in High Energy QCD_


Lectures at "Cracow School of Theoretical Physics, XLV Course, 2005"

36. D.N. Triantafyllopoulos

_FROM CLASSICAL TO QUANTUM SATURATION IN THE NUCLEAR GLUON DISTRIBUTION_


Proceedings of "Hard Probes 2004"

### Citations Summary

- 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](https://inspirehep.net/author/D.N.Triantafyllopoulos.1)

[Google Scholar](https://scholar.google.com/citations?user=PBfmoKcAAAAJ)

### Talks, Seminars and Lectures

- 24 Talks at International 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


### 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