

## IOANNIS PAPADIMITRIOU

<b>Contact</b>	Department of Physics Division of Nuclear and Particle Physics National and Kapodistrian University of Athens GR-157 84 Athens Greece	+30 210 727 6874 <a href="mailto:ioannis.papadimitriou@phys.uoa.gr">ioannis.papadimitriou@phys.uoa.gr</a> <a href="http://users.uoa.gr/~ipapadi/">http://users.uoa.gr/~ipapadi/</a>
<b>Positions</b>	2022 - now Assistant Professor, National and Kapodistrian University of Athens, GREECE 2021 - 2022 Associate Professor, Beijing Inst. of Math. Sci. and App. (BIMSA), Beijing, CHINA 2017 - 2021 Assistant Professor, Korea Institute for Advanced Study (KIAS), Seoul, KOREA 2014 - 2017 Postdoctoral Fellow, Scuola Intern. Sup. di Studi Avanzati (SISSA), Trieste, ITALY 2011 - 2014 Postdoctoral Fellow, Inst. de Física Teórica in Madrid UAM/CSIC, Madrid, SPAIN 2009 - 2011 Senior Fellow, Theory Division, CERN, Geneva, SWITZERLAND 2007 - 2009 Postdoctoral Fellow, Swansea University, UNITED KINGDOM 2005 - 2007 Postdoctoral Fellow, Deut. Elektronen-Synchrotron DESY, Hamburg, GERMANY	
<b>Education</b>	2005 PhD in Physics, University of Amsterdam, THE NETHERLANDS Thesis: <i>Aspects of the gauge/gravity duality and holography</i> Advisor: Prof. Kostas Skenderis 2002 MSc in Physics, University of Pennsylvania, Philadelphia, UNITED STATES Grade: Passed PhD qualifying examinations with distinction (top of class). Advisor: Prof. Mirjam Cvetič 2000 MSci in Physics (4yr integrated), Imperial College London, UNITED KINGDOM Grade: First Class Honours (top of class) Thesis: <i>Optimization of order parameters in lattice SU(2) gauge theory using the linear delta expansion</i> Advisor: Dr. Hugh F. Jones 1996 GCE A-levels: Maths (A), Further Maths (A), Physics (A), Modern Greek (B) 1996 Graduated from 1 <sup>st</sup> Lyceum of Chaidari, Athens, Greece (19.9/20, top of class)	
<b>Memberships &amp; Affiliations</b>	2023 - 2024 Associated member of the European Organization for Nuclear Research (CERN). 2000 - now Associate of the Royal College of Science, UK. 2014 - 2017 Member of the COST network "The String Theory Universe" (Action MP1210). 2007 - 2012 Junior Member of the Isaac Newton Inst. for Math. Sciences, Cambridge, UK.	
<b>Fellowships &amp; Awards</b>	2019 <i>Academic Research Award</i> , Korea Institute for Advanced Study (KRW 1,500,000). 2019 <i>Distinguished Referee</i> , The European Physical Journal. 2009 - 2011 CERN Fellowship, Theory Division. 2002 - 2003 Visiting Scholarship at Princeton University. 2001 <i>Werner Deutsch Memorial Prize</i> , University of Pennsylvania, 'for the best results in the PhD qualifying examinations in physics'. 2000 <i>Governors' Prize</i> , Imperial College London, 'for the best results in the final year physics examinations'. 2000 <i>Tyndall Prize</i> , Imperial College London, 'for the best final year physics project'. 1997 <i>Mathews Memorial Prize</i> , Imperial College London, 'for the best results in the first year physics examinations'. 1998 - 1999 Two consecutive Undergraduate Research Opportunities Program scholarships at the University of Delaware, United States, and Imperial College London. (Publication [J1])	
<b>Research Grants</b>	2023 PI, Faculty Starting Grant at the University of Athens, GREECE. (5,000) 2021 - 2022 PI, Faculty Starting Grant at the BIMSA, CHINA. (CNY 250,000) 2017 - 2022 PI, Individual Grants PG064401 & PG064402 at the KIAS, KOREA. (KRW 65,000,000) 2016 PI, FONDECYT Regular Grant N°1161783, Comisión Nacional de Investigación Científica y Tecnológica (CONICYT), CHILE. (48 months, CLP 95,284,000, declined) 2012 Co-I, European FP7-REGPOT-2008-1 grant CreteHEPCosmo228644, GREECE. 2012 European grant PE2(3455) at the University of Athens under the General Secretariat of Research and Technology program "Supporting Postdoctoral Researchers", GREECE. (36 months, 150,000, declined) 2011 Postdoctoral grant JAEDOC068 at the IFT UAM/CSIC, Consejo Superior de Investigaciones Científicas (CSIC), SPAIN. (36 months, 82,620)	

**Teaching**Graduate

- 2024 - now *Advanced Topics in Quantum Field Theory* (18209), National and Kapodistrian University of Athens. (12 weeks, 48 hours)
- 2022 *Introduction to Supergravity*, Beijing Institute of Mathematical Sciences and Applications and Tsinghua University. (12 weeks, 48 hours)
- 2021 *Quantum Field Theory Anomalies and Applications*, Beijing Institute of Mathematical Sciences and Applications and Tsinghua University. (12 weeks, 48 hours)
- 2013 *Conformal Field Theory*, Instituto de Física Teórica, Madrid UAM/CSIC. (12 hours)
- 2008 - 2018 Lectures at international Ph.D. schools and universities. (See [Invited Lectures](#))

Undergraduate

- 2023 - now *Mathematical Methods II* (10YKO16), University of Athens. (4<sup>th</sup> semester, 24 hours)
- 2022 - now *Electromagnetism I* (10YKO32), University of Athens. (5<sup>th</sup> semester, 30 hours)
- 2022 - now *Special Relativity* (10YKO35), University of Athens. (5<sup>th</sup> semester, 24 hours)
- 2003 - 2004 Teaching Assistant, 3<sup>rd</sup> year Quantum Mechanics, University of Amsterdam.
- 2000 - 2001 Teaching Assistant, 1<sup>st</sup> year Classical Mechanics Lab, University of Pennsylvania.

**Students**Graduate (1 PhD, 4 MSc)

[Ok Song An](#) (PhD, 2015-2017), [Antonios Stefas](#) (MSc, 2024-2025), [Gerassimos Kouniatalis](#) (MSc, 2023-2024), [Vassilis Voulgaris](#) (MSc, 2023-2024), [Georgios Korpas](#) (MSc, 2013-2014)

Undergraduate (6 BSc theses)

[Nikolaos Sourlas-Kotzamanis](#) (2023-2024), [Georgios Miliareisis](#) (2023-2024), [Eleni Gkogkou](#) (2023-2024), [Konstantinos Avgerakis](#) (2023-2024), [Evangelos Theodorakeas](#) (2022-2024), [Antonios Stefas](#) (2022-2023)

Mentoring (6 Ph.D.)

[João Aparício](#) (2011-2014), [Luis Melgar](#) (2011-2014), [Francisco Benitez-Peña](#) (2011-2014), [Amadeo Jimenez](#) (2011-2014), [Johannes Schmude](#) (2007-2009), [Daniel Elander](#) (2007-2009).

**Editor**

2022 - now [Associate Editor for Frontiers in High-Energy and Astroparticle Physics](#).

**Referee**

Journals (Over 300 reviews, <https://www.webofscience.com/wos/author/rid/B-5021-2014>)

Journal of High Energy Physics, Physical Review Letters, Physical Review X and D, European Physical Journal C, Classical and Quantum Gravity, Physics Letters B, Nuclear Physics B, Journal of Physics A: Mathematical and Theoretical, International Journal of Modern Physics D, Journal of Mathematical Physics, Entropy, Universe, Fortschritte der Physik, Frontiers in Physics.

Grants (17 reviews)

Science and Technology Facilities Council (STFC), UK. (1 review)

Engineering and Physical Sciences Research Council (EPSRC), UK. (12 reviews)

Agence Nationale de la Recherche (ANR), FRANCE. (3 reviews)

Fonds Wetenschappelijk Onderzoek - Vlaanderen (FWO), BELGIUM. (1 review)

Czech Academy of Sciences (CAS), CZECH REPUBLIC. (1 review)

Fondo Nacional de Desarrollo Científico y Tecnológico (FONDECYT), CHILE. (2 reviews)

Ph.D. theses (1 review)

[Pablo Diaz](#) (2009, University of Zaragoza, external referee)

**Committees**

Ph.D. (5, including 1 three-member committee)

[Athanasios Loukopoulos](#) (2024, University of Athens, [three-member committee](#)), [Evangelos Giantsos](#) (2023, University of Athens), [Georgios P.D. Pappas](#) (2023, University of Athens), [Javier M. Lizana](#) (2017, University of Granada), [Luis Melgar](#) (2014, IFT UAM/CSIC Madrid)

M.Sc. (5)

[Vassilis Voulgaris](#) (2024, University of Athens), [Gerassimos Kouniatalis](#) (2024, University of Athens), [Politimi Iosifidou](#) (2024, University of Athens), [Nency Vegielli](#) (2024, University of Athens), [Athanasios Loukopoulos](#) (2023, University of Athens)

**Organization** Conferences

- 2023 Co-organizer of the [Xmas Theoretical Physics Workshop @Athens 2023](#), National and Kapodistrian University of Athens, Athens, Greece. (Dec. 21 - 22)
- 2023 Co-organizer of the [2023 Corfu Workshop on Quantum Gravity, Strings and the Swamp-land](#), Corfu, Greece. (Sep. 12 - 19)
- 2022 Co-organizer of the [Xmas Theoretical Physics Workshop @Athens 2022](#), National and Kapodistrian University of Athens, Athens, Greece. (Dec. 21 - 22)
- 2020 Co-organizer of the [Focus Workshop on Quantum Matter and Quantum Information with Holography](#), APCTP, Pohang, Korea. (Aug. 23 - 31)
- 2019 Co-organizer of the [Focus Workshop on Quantum Matter from Entanglement and Holography](#), APCTP, Pohang, Korea. (Aug. 21 - 29)
- 2018 Co-organizer of the [Focus Workshop on Holography and Geometry of Quantum Entanglement](#), Hanyang University, Seoul, Korea. (Aug. 8 - 16)

Seminars

- 2023 - now Organizer of the High Energy Seminars at the University of Athens.
- 2019 - 2021 Organizer of the String Theory seminars at the Korea Institute for Advanced Study.
- 2013 - 2014 Co-organizer of the IFT HoloClub at the IFT UAM/CSIC, Madrid.
- 2009 - 2011 Co-organizer of the CERN Theory Journal Club.
- 2008 - 2009 Organizer of the Theory Group Seminars at Swansea University.

**Institutional Duties**

- 2023 - now Member of the Phys. Dept. Doctoral Studies Committee at the University of Athens.
- 2023 - now Member of the Phys. Dept. Master Program Committee at the University of Athens.
- 2023 - now Webmaster of the [Nuclear and Particle Physics Website](#) at the University of Athens.

**Outreach**

- 2019 Interview with Phys.org for popular science [article](#).
- 2009 [Black Holes, Holography and Gravity](#). Public talk at the [Lahore University of Management Sciences \(LUMS\)](#), Lahore, Pakistan.

**Languages**

Greek (Native speaker), English (Fluent).

**Programming**

Mathematica,  $\LaTeX$ , Python, C++, HTML.

**Plenary Conference Talks**

- 2024
  - [Recent Developments in Conformal Field Theories](#), Aristotle University of Thessaloniki, Thessaloniki, Greece (Jan. 29 - Feb. 2)
- 2023
  - [ICTP Workshop on String Theory, Holography, and Black Holes](#), Trieste, Italy (Oct. 23 - 27)
- 2022
  - [11<sup>th</sup> Aegean Summer School: Recent Developments in Theory and Observations in Gravity and Cosmology](#), Ermoupoli, Syros, Greece (Sep. 5 - 15)
  - [Corfu Workshop on Holography and the Swamp-land](#), Corfu, Greece. (Sep. 4 - 10)
- 2021
  - [KIAS-YITP Joint Workshop 2021](#), Yukawa Institute for Theoretical Physics, Kyoto University, Japan (Dec. 13 - 16, Online)
  - [Fields, Strings and Geometries](#), Tsinghua University, Beijing, China (Sep. 24 - 26)
  - [QUARKS-2020 Online Workshop on Integrability, Holography, Higher-Spin Gravity and Strings](#), Pereslavl Zalessky, Russia. (May 31 - Jun. 5, Online)
- 2020
  - [YITP Workshop Strings and Fields 2020](#), Kyoto, Japan (Nov. 16 - 20, Online)
  - [TTbar Deformation and Integrability](#), APCTP, Pohang, Korea (Nov. 8 - 14, Online)
  - [KIAS Autumn Symposium on String Theory](#), KIAS, Seoul. (Sep. 21 - 25)
  - [Quantum Matter and Quantum Information with Holography](#), APCTP, Pohang. (Aug. 23 - 31, Online)
  - [Strings, Branes and Gauge Theories](#), APCTP, Pohang. (Jul. 15 - 21, Online)

- 2019
- SNU mini-workshop on Quantum fields and strings, Seoul National University, Seoul. (Oct. 10 - 12)
  - Higher Spin Gravity: Chaotic, Conformal and Algebraic Aspects, APCTP, Pohang. (Sep. 23 - Oct. 2)
  - Quantum Matter from Entanglement and Holography, APCTP, Pohang. (Aug. 21 - 29)
  - Workshop on holography, gauge theories and black holes, STAG Research Centre, University of Southampton. (Jun. 24 - 25)
  - Gauge theories, supergravity and superstrings, Benasque, Spain. (Jun. 09 - 21)
  - KIAS Workshop on Challenges and Advances in Theoretical Physics, KIAS, Seoul. (May 23 - 24)
  - 4th USU Strings and Black Holes Workshop, Utah State University, Logan, US. (Apr. 24 - 26)
  - Black Holes and Holography, Tsinghua Sanya International Mathematics Forum (TSIMF), Sanya, China. (Jan. 7 - 11)
  - Black Holes, Inflation and Gravitational Waves, The Hong Kong University of Science and Technology (HKUST), Hong Kong. (Jan. 3 - 5)
- 2018
- East Asian Joint Workshop on Fields and Strings 2018, KIAS, Seoul. (Nov. 5 - 9)
  - Workshop on Non-perturbative Effects in Supersymmetric Field Theories, International Institute of Physics, Natal, Brazil. (Oct. 15 - Nov. 2)
  - Workshop on “Supersymmetric Localization and Holography: Black Hole Entropy and Wilson Loops”, ICTP Trieste, Italy. (Jul. 9 - 13)
  - Workshop on “Black Holes, Quantum Chaos, and Solvable Quantum Systems”, Tsinghua Sanya International Mathematics Forum (TSIMF), Sanya, China. (Jan. 22 - 26)
- 2017
- LPTENS Summer Institute XLVII, Paris. (Aug. 16 - 25)
  - 9<sup>th</sup> Crete Regional Meeting on String Theory, Kolymbari, Crete. (Jul. 9 - 16)
  - The String Theory Universe - 22nd European string workshop and final COST MP1210 conference, Milan. (Feb. 20 - 24)
- 2016
- Heraklion Workshop on Theoretical Physics, Crete Center for Theoretical Physics, Crete. (Sep. 5 - 10)
  - Workshop on Black Holes and Emergent Spacetime, NORDITA, Stockholm. (Aug. 8 - 19)
- 2015
- Xmas Theoretical Physics Workshop @Athens 2015. (Dec. 21 - 22)
  - 2<sup>nd</sup> Workshop on holography, gauge theories, and black holes, STAG Research Centre, Southampton. (Sep. 14 - 16)
  - Theoretical Frontiers in Black Holes and Cosmology, Natal, Brazil. (Jun. 8 - 19)
  - Gauge/Gravity Duality 2015, The Galileo Galilei Institute for Theoretical Physics, Florence. (Apr. 13 - 17)
  - Progress in Fluid/Gravity Correspondence, Thessaloniki. (Feb. 16 - 20)
  - Holographic Renormalization Group and Entanglement, Paris. (Jan. 26 - 28)
- 2014
- Quantum Field Theory, String Theory and Condensed Matter Physics, Kolymbari, Crete. (Sep. 1 - 7)
- 2013
- Holography 2013: Gauge/gravity duality and strongly correlated systems, APCTP Pohang. (Jun. 13 - 22)
- 2012
- HoloGrav 2012, Swansea. (Apr. 17)
- 2011
- Workshop on Selected Topics in Theoretical Physics, Santiago de Compostela. (Oct. 20)
  - 6<sup>th</sup> Crete Regional Meeting on String Theory, Milos. (Jun. 20)
  - Workshop on Large-N Gauge Theories, Galileo Galilei Institute, Florence. (May 12)
- 2010
- AdS<sub>4</sub>/CFT<sub>3</sub> and the Holographic States of Matter Miniconference, Galileo Galilei Institute, Florence. (Oct. 1)
- 2009
- CERN Theory Group Retreat 2009, Les Houches. (Nov. 6)
  - 5<sup>th</sup> Aegean Summer School on the AdS/CFT Correspondence, Milos. (Sep. 22)
  - 5<sup>th</sup> Crete Regional Meeting on String Theory, Kolymbari. (Jun. 30)
- 2008
- Eurostrings 2008, Amsterdam. (Jun. 30)
- 2007
- 4<sup>th</sup> Crete Regional Meeting on String Theory, Patras, Greece. (Jun. 12)
- 2005
- Workshop on String Theory in Curved backgrounds and Boundary Conformal Field Theory, Erwin Schrödinger Institute, Vienna. (Nov. 3 - 10)
- 2004
- 8<sup>th</sup> UK Meeting on Integrable Models, Conformal Field Theory and Related Topics, Edinburgh. (Apr. 17)
- 2003
- International School of Subnuclear Physics, 41<sup>st</sup> Course: From Quarks to Black Holes, Erice. (Sep. 1)

#### Parallel Conference Talks and Posters

- 2021
- PASCOS 2021, Center for Theoretical Physics of the Universe, Institute for Basic Science, Daejeon, Korea. (Jun. 14 - 18, online)

- 2016 ▪ [HoloGrav 2016, Current Themes in Holography: Exact results, applications, extensions and fundamentals](#), Niels Bohr Institute, Copenhagen. (Apr. 25 - 29, Poster)
- 2014 ▪ [ICHEP 2014](#), Valencia. (Jul. 2 - 9, Parallel talk)
- 2005 ▪ [Trends in Theory 2005](#), 6<sup>th</sup> two-yearly symposium of the Dutch Research School of Theoretical Physics, Dalfsen. (May 19, Poster)

### Invited Seminars

- 2023 ▪ [Kyunghee University](#), Seoul, South Korea. (Dec. 7)
- [String Theory Seminar](#), Mathematical Sciences, University of Southampton. (Sep. 26)
- [Shanghai University](#), Shanghai, China. (Feb. 17, Online)
- [Theory seminar](#), National Technical University of Athens, Greece. (Feb. 8, Online)
- 2022 ▪ [Theory seminar](#), Institut de Physique Théorique Saclay, Paris, France. (Nov. 2)
- [Yau Mathematical Sciences Center](#), Tsinghua University, Beijing, China. (May 16, Online)
- 2021 ▪ [National and Kapodistrian University of Athens](#), Greece. (Oct. 1, Online)
- [Harvard Quantum Matter in Mathematics and Physics Seminar](#), Harvard University. (May 5, Online)
- [Theory seminar](#), La Plata, Argentina. (Mar. 17, Online)
- 2020 ▪ [Theory colloquium](#), University of Crete, Heraklion, Greece. (Apr. 1, Online)
- [Theory seminar](#), University of Crete, Heraklion, Greece. (Mar. 31, Online)
- 2019 ▪ [Theory seminar](#), University of Cyprus, Nicosia, Cyprus. (Sep. 9)
- [Theory seminar](#), Hanyang University Seoul, South Korea. (Jul. 3)
- [Theory seminar](#), Chung-Ang University Seoul, South Korea. (May 29)
- [Theory seminar](#), National Technical University of Athens, Greece. (Apr. 15)
- [String seminar](#), Korea Institute for Advanced Study, Seoul, South Korea. (Apr. 1)
- [Physics Colloquium](#), Lehigh University, Bethlehem, United States. (Feb. 26)
- 2018 ▪ [AdS Seminar](#), Yau Mathematical Sciences Center, Tsinghua University, Beijing. (Nov. 15)
- [Gravity Colloquium](#), Mathematical Sciences, University of Southampton. (Nov. 1)
- [String theory seminar](#), Department of Mathematics, King's College London. (Oct. 31)
- [APCTP](#), Pohang, South Korea. (Jun. 26)
- [Physics Division](#), National Center for Theoretical Sciences, Taiwan. (May 24)
- [String Theory Seminar](#), Mathematical Sciences, University of Southampton. (Apr. 24)
- [AdS Seminar](#), Yau Mathematical Sciences Center, Tsinghua University, Beijing. (Mar. 15)
- [Beihang University](#), Beijing. (Mar. 13)
- [GIST](#), Gwangju, South Korea. (Feb. 12)
- [Hanyang University](#), Seoul, South Korea. (Feb. 7)
- 2017 ▪ [Department of Mathematical Sciences](#), Durham University. (Dec. 4)
- [String Group Seminar](#), Korea Institute for Advanced Study, Seoul. (Nov. 30)
- [University of Padova](#). (Sep. 5)
- [CERN Theory Seminar](#). (Aug. 22)
- [HEP-Theory Group Seminar](#), University of Milano - Bicocca. (May 22)
- [String Theory Seminar](#), University of Amsterdam. (Mar. 14)
- [String Theory Seminar](#), Mathematical Sciences, University of Southampton. (Mar. 1)
- [Institut Denis Poisson](#), University of Tours. (Feb. 2)
- 2016 ▪ [Black Hole Initiative Colloquium](#), Harvard University. (Dec. 6)
- [Dublin Theoretical Physics Colloquium](#), Trinity College Dublin. (Nov. 30)
- [Instituto de Física Teórica](#), UAM/CSIC Madrid. (Oct. 27)
- [HET Brown Bag Seminar](#), Leinweber Center for Theoretical Physics, University of Michigan. (Oct. 5)
- [High Energy Seminar](#), Department of Physics and Astronomy, University of Pennsylvania. (Sep. 26)
- [University of Oviedo](#). (Apr. 13)
- 2015 ▪ [String Theory Seminar](#), Institute for Theoretical Physics, Utrecht University. (May. 26)
- [Universidad Andrés Bello](#), Santiago, Chile. (Mar. 12)
- [Pontificia Universidad Católica de Valparaíso](#), Chile. (Mar. 9)
- [Special Seminar](#), ICTP South American Institute for Fundamental Research, São Paulo. (Feb. 26)
- [Universidade de São Paulo](#). (Feb. 24)
- [Florence Theory Group](#), Physics Department, University of Florence. (Jan. 8)



- 2014
  - [String Theory Seminar](#), Mathematical Sciences, University of Southampton. (Dec. 3)
  - [Theoretical Particle Physics](#), Vrije Universiteit Brussel. (Apr. 2)
  - [String Theory Seminar](#), Institute for Theoretical Physics, Utrecht University. (Mar. 21)
  - [Holography Seminar](#), Department of Physics, University of Oxford. (Feb. 18)
- 2013
  - [IFAE Seminar](#), Universidad Autónoma de Barcelona. (May 31)
  - [Universidade de São Paulo](#). (May 14)
- 2012
  - [Instituto de Física Teórica](#), UAM/CSIC Madrid. (Nov. 22)
  - [Theory Group Seminar](#), University of Barcelona. (May 31)
  - [Center for Theoretical Physics](#), University of Crete. (Mar. 23)
- 2011
  - [Fields and Strings Seminar](#), Arnold Sommerfeld Center, LMU Munich. (May 26)
  - [String Theory Seminar](#), University of Amsterdam. (Mar. 15)
  - [University of Athens](#). (Feb. 22)
  - [HEP Seminar](#), Center for Theoretical Physics, University of Crete. (Feb. 15)
- 2010
  - [CERN Theory Seminar](#). (May 4)
- 2009
  - [String Theory Seminar](#), Institute for Theoretical Physics, Utrecht University. (Mar. 26)
  - [DESY Theory Seminar](#), Hamburg. (Jan. 15)
- 2008
  - [CERN Theory Seminar](#). (Nov. 25)
  - [Theoretical Physics Seminar](#), Laboratoire de Physique ENS de Lyon. (Jan. 31)
  - [Université Montpellier](#). (Jan. 28)
  - [Institute for Theoretical Physics](#), University of Amsterdam. (Jan. 22)
- 2007
  - [Theory Seminar](#), Department of Physics, Swansea University. (May 1)
  - [DESY Theory Seminar](#), Hamburg. (Feb. 7)
- 2006
  - [École Normale Supérieure](#), Paris. (Dec. 14)
  - [École Polytechnique](#), Paris. (Dec. 11)
  - [Center for Theoretical Physics](#), University of Crete. (Nov. 14)
  - [Theoretical Physics Seminar](#), Department of Physics, Brown University. (Sep. 14)
  - [Department of Physics and Astronomy](#), University of Pennsylvania. (Sep. 11)
- 2005
  - [DESY Theory Seminar](#), Hamburg. (Nov. 14)
- 2004
  - [University of Groningen](#). (Dec. 2)
  - [Department of Physics](#), Imperial College London. (Nov. 29)
  - [DAMTP](#), University of Cambridge. (Nov. 26)
  - [École Polytechnique](#), Paris. (Nov. 16)
- 2003
  - [Institute for Theoretical Physics](#), University of Amsterdam. (Oct. 1)

### Invited Lectures

- 2018
  - [Focus Workshop on Holography and Geometry of quantum Entanglement](#), APCTP Pohang, South Korea. (Aug. 8 - 16)
  - [School on Supersymmetric Localization and Holography: Black Hole Entropy and Wilson Loops](#), ICTP Trieste, Italy. (Jul. 2 - 7)
  - [Tsinghua University](#), Beijing. (Mar. 16)
- 2016
  - [Lecture series on 'Beyond Landau Fermi liquid and BCS superconductivity near quantum criticality' and 'Real-space renormalization group approach'](#), APCTP Pohang, South Korea. (Jun. 6 - 18)
- 2015
  - [Theoretical Frontiers in Black Holes and Cosmology](#), Natal, Brazil. (Jun. 8 - 19)
- 2013
  - [Holography 2013: Gauge/gravity duality and strongly correlated systems](#), APCTP Pohang, South Korea. (Jun. 13 - 22)
- 2008
  - [Seminario de Física Teórica](#), University of Zaragoza. (May 26 - 29)

## PUBLICATIONS

INSPIRE-HEP: [exactauthor:I.Papadimitriou.1](#) [orcid.org/0000-0001-5924-442X](https://orcid.org/0000-0001-5924-442X) [Google Scholar](#)Citations (INSPIRE): **3185** (2702 excluding self citations)h-index (INSPIRE): **27** (25 excluding self citations)In high energy theoretical physics authors are listed in alphabetical order

IF = JCR Journal Impact Factor from Clarivate Analytics Web of Science

### Journal Articles (Refereed)

- [J40] P. Panopoulos, I. Papadimitriou, *Supersymmetric Casimir energy on  $\mathcal{N} = 1$  conformal supergravity backgrounds*, [arXiv:2312.17740 \[hep-th\]](#).
- [J39] P. Ntokos, I. Papadimitriou, *Black hole superpotential as a unifying entropy function and BPS thermodynamics*, [arXiv:2112.05954 \[hep-th\]](#), *JHEP* **03** (2022) 058. (IF 2021: 6.379, Citations: **7**)
- [J38] R. Minasian, I. Papadimitriou, P. Yi, *Anomalies and Supersymmetry*, [arXiv:2104.13391 \[hep-th\]](#), *Phys.Rev.D* **105** (2022) 6, 065005. (IF 2021: 5.407, Citations: **3**)
- [J37] P. Chaturvedi, I. Papadimitriou, W. Song, B. Yu, *AdS<sub>3</sub> gravity and the complex SYK models*, [arXiv:2011.10001 \[hep-th\]](#), *JHEP* **05** (2021) 142. (IF 2021: 6.379, Citations: **8**)
- [J36] G. Katsianis, I. Papadimitriou, K. Skenderis, M. Taylor, *Supersymmetry anomaly in the superconformal Wess-Zumino model*, [arXiv:2011.09506 \[hep-th\]](#), *JHEP* **02** (2021) 209. (IF 2021: 6.379, Citations: **8**)
- [J35] G. Anastasiou, O. Miskovic, R. Olea, I. Papadimitriou, *Counterterms, Kounterterms, and the variational problem in AdS gravity*, [arXiv:2003.06425 \[hep-th\]](#), *JHEP* **08** (2020) 061. (IF 2020: 5.810, Citations: **45**)
- [J34] I. Papadimitriou, *Supersymmetry anomalies in new minimal supergravity*, [arXiv:1904.00347 \[hep-th\]](#), *JHEP* **09** (2019) 039. (IF 2019: 5.875, Citations: **12**)
- [J33] I. Papadimitriou, *Supersymmetry anomalies in  $\mathcal{N} = 1$  conformal supergravity*, [arXiv:1902.06717 \[hep-th\]](#), *JHEP* **04** (2019) 040. (IF 2019: 5.875, Citations: **17**)
- [J32] G. Katsianis, I. Papadimitriou, K. Skenderis, M. Taylor, *Anomalous Supersymmetry*, [arXiv:1902.06715 \[hep-th\]](#), *Phys. Rev. Lett.* **122**, 231602 (2019). (Editors Suggestion, Effective IF: 17, Citations: **19**)
- [J31] A. Castro, F. Larsen, I. Papadimitriou, *5D Rotating Black Holes and the  $n\text{AdS}_2/n\text{CFT}_1$  Correspondence*, [arXiv:1807.06988 \[hep-th\]](#), *JHEP* **10** (2018) 042. (IF 2017: 5.541, Citations: **77**)
- [J30] S. Cremonini, M. Cvetič, I. Papadimitriou, *Thermoelectric DC conductivities in hyperscaling violating Lifshitz theories*, [arXiv:1801.04284 \[hep-th\]](#), *JHEP* **04** (2018) 099. (IF 2017: 5.541, Citations: **11**)
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