Georgios Palkanoglou

University of Guelph
50 Stone Rd E
Guelph, ON N1G 2W1 CA
Office: MacN 406

Phone: (+1) 519-767-8901

Email: gpalkano@uoguelph.ca
WEBSITE: gpalkano.com

Born: December 17, 1995—Athens, Greece
Nationality: Greek

Current position

Ph.D. Candidate, University of Guelph, Guelph

Education

2019- PH.D. in Physics, University of Guelph
2018-2019 M.SC. in Physics,University of Guelph — 96.5/100 GPA
Thesis: *Approaching the Thermodynamic Limit in BCS Theory*
2013-2017 B.SC. (HONOURS) in Physics; National and Kapodistrian University of Athens — GPA 8.68/10 (Top 6%)

Awards & Honours

2020 Constantine and Patricia Mavroyannis Scholarship
2019 UOG International Doctoral Training Scholarship - Ph.D.'s

Teaching experience

2021 Graduate Teaching Assistant in Quantum Mechanics, Department of Physics, University of Guelph
2020 Graduate Teaching Assistant in (graduate) Quantum Field Theory, Department of Physics, University of Guelph
2019- Private Tutor in Undergraduate Physics
2018- Graduate Teaching Assistant in Applied Physics, Department of Physics, University of Guelph
2013-2017 Private Tutor in Physics, Maths, and Geometry

Publications

Journal articles

2022 *The $^1S_0$ pairing gap in neutron matter*
S. Gandolfi, G. Palkanoglou, J. Carlson, A. Gezerlis, and K. E. Schmidt
arXiv:2201.01308

2021 *Superfluid neutron matter with a twist*
G. Palkanoglou and A. Gezerlis
Universe **2021**, 7(2), 24
arXiv:2012.04663
*Marked as a Feature Paper

2020 *From odd-even staggering to the pairing gap in neutron matter*
G. Palkanoglou, F. K. Diakonos, and A. Gezerlis
Phys. Rev. C **102**, 064324 (2020)
arXiv:2005.05985

Proceedings

2019 *Effective mass and pairing gap in neutron matter*
G. Palkanoglou, N. Ismail, M. Buraczynski, and A. Gezerlis
J. Phys.: Conf. Ser. 1643 012132 (2020).

Talks

2021 *Superfluid neutrons: from particles to matter*
2021 Canadian Association of Physicists (Virtual) Congress
*Tied as the 2nd best presentation in the Division of Theoretical Physics (DTP)

2021 *Superfluid neutron matter with a twist*
58th Winter Nuclear and Particle Physics (Virtual) Conference
* Marked as the 2nd best presentation in Theoretical Physics

2021 *Superfluid neutron matter with a twist*
(Virtual) Graduate Seminar Series
University of Guelph, Guelph, ON, Canada

2020 *From odd-even staggering to the pairing gap in neutron matter*
2020 Canadian Association of Physicists (Virtual) Congress

2020 *From odd-even staggering to the pairing gap in neutron matter*
57th Winter Nuclear and Particle Physics Conference
Banff, AB, Canada

2018 *A Superconducting Star*
Graduate Seminar Series
University of Guelph, Guelph, ON, Canada

Conferences & Summer schools attended

2021 2021 C.A.P (Virtual) Congress
2021 58th Winter Nuclear and Particle Physics (Virtual) Conference
2020 2020 C.A.P (Virtual) Congress
2020 57th Winter Nuclear and Particle Physics Conference, Banff, AB
2017 The 2017 Onassis Foundation Lectures in Physics: "Quantum physics frontiers explored with cold atoms, molecules and photons", Heraklion, Greece
2017 The 2017 Petnica Summer Institute summer school on Cosmology, Petnica, Serbia
2016 The 3rd Xmas Theoretical Physics Workshop, Athens, Greece

Computing skills

Languages

Fortran, Python, Bash, MATLAB, Mathematica, C++, HTML

Software

LaTeX, PLUTO, Logger Pro

Outreach & Service

2021 Volunteer judge for 57th Annual Canadian Undergraduate Physics Conference (CUPC)
2019 Volunteer for STEM Week 2019 organized by the University of Guelph, Guelph Civic Museum
2018 Volunteer for STEM Week 2018 organized by the University of Guelph, Guelph Civic Museum

Languages

Greek (native), English (fluent), German (beginner), Spanish (beginner)

Last updated: January 16, 2022