

# Georgios Palkanoglou

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

## Current position

*PhD 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: <i>Approaching the Thermodynamic Limit in BCS Theory</i>
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

2020	Graduate Teaching Assistant in 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, Math and Geometry

## Publications

### JOURNAL ARTICLES

- 2020 *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 neutron matter with a twist*  
58<sup>th</sup> Winter Nuclear and Particle Physics (Virtual) Conference  
\* Marked as the 2<sup>nd</sup> 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*  
Canadian Association of Physicists (Virtual) Congress
- 2020 *From odd-even staggering to the pairing gap in neutron matter*  
57<sup>th</sup> 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

- 2020 C.A.P Congress, McMaster University, Hamilton, ON
- 2020 57<sup>th</sup> 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", Heraklio, Greece  
 2017 The 2017 Petnica Summer Institute summer school on Cosmology, Petnica, Serbia  
 2016 The 3<sup>rd</sup> Xmas Theoretical Physics Workshop, Athens, Greece

## Computing skills

### LANGUAGES

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

### SOFTWARE

L<sup>A</sup>T<sub>E</sub>X, PLUTO, Logger Pro

## Outreach & Service

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  
 2014- Member of the Hellenic (Greek) Mathematical Society

## Languages

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