

Summer Research Student Opportunity

Particle Phenomenology Group, University of Cyprus

The Particle Phenomenology Group at the University of Cyprus is inviting applications from motivated undergraduate students for Summer Research Student positions. The group is led by Dr. Gaunt and Dr. Vryonidou.

The group conducts research at the forefront of theoretical particle physics, with interests including:

- Collider phenomenology
- Effective field theories and precision calculations
- Quantum Chromodynamics and high-order computations

Selected students will participate in ongoing research projects and gain hands-on experience in modern theoretical and computational physics techniques. Students will work closely with faculty members, postdoctoral researchers, and PhD students in an international and collaborative research environment.

Who are we looking for?

- Undergraduate students in Physics
- Familiarity with programming (Python, Mathematica, C++, or similar) is an advantage
- Curiosity, motivation, and interest in fundamental physics research is essential

What students will gain

- Exposure to current research in particle physics
- Mentorship from active researchers
- Experience with analytical and computational tools used in modern phenomenology
- Opportunity to contribute to ongoing research projects and publications

Duration

Summer 2026 (flexible dates depending on mutual agreement)

Location

University of Cyprus, Nicosia, Cyprus

More information about the group and its research activities:

<https://www.ucy.ac.cy/pheno/>

To apply, please send:

- A CV
- Academic transcript

to vryonidou.eleni@ucy.ac.cy and gaunt.jonathan@ucy.ac.cy by the 25th of May.