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Apostolos Bisas

Education

2024-Present Double Bachelor's Degree in Mathematics and Physics (LDD MPSI), Université

Paris-Saclay, Paris, France Expected graduation: 2027

2024-Present **Electrical and Computer Engineering**, National Technical University of Athens, Greece

Qualified through the Panhellenic national exams and formally enrolled.Not attending courses due

to studies abroad.

Research and Academic Experience

June-July Research Internship, University of Ioannina, Department of Physics, Ioannina, Greece

2025 Topic: A Scalar Field Approach to Dark Energy

May 2025 Group Project, Université Paris-Saclay, Paris, France

Topic: Terahertz Imaging and its applications in Physics. Developed Python-based simulations and

produced a video presentation.

July 2023 Summer Internship, École Normale Supérieure de Lyon, Department of Physics, Lyon,

France

Topic: Introduction to Theoretical Physics and Biophysics

Skills

Languages Greek (native), English (C2), French (C1)

Programming C++, Python, Bash, LaTeX

Languages

Awards and Qualifications

2024 Recipient of the Eurobank 'Forward for Education' monetary award, granted for academic excellence in the Panhellenic national entrance examinations.

2024 Qualified for the final (third) round of the National Mathematics Olympiad.

2023 Second Award in the National Physics Olympiad.

2023 Qualified for the final (third) round of the National Mathematics Olympiad.

Conferences and Presentations

Spring 2025 Participant in the EUGLOH Intercultural Communication Project, Université Paris-Saclay

July 2024 Participant in the *Youth Entrepreneurship Summer Program (YES)*, Athens University of Economics and Business

November Participant in the Euroscola Programme, European Parliament, Strasbourg, France 2023

June Participant in the Summer School and Workshops organized by the Hellenic Physical

2023-2024 Society, Aegina, Greece

Extracurricular Activities

- 2023/24 Member of the Greek national team at the preparation for *International Young Physicists'* 2024/25 *Tournament (IYPT)*. Collaborated on solving and defending original research problems in theoretical and experimental physics.
- 2020–2024 Member of the Greek National Endurance Skiing/Biathlon Team. Two-time national champion and participant in international competitions such as the International Biathlon's Union Junior Cup.
- 2013-Present Amateur chess player with participation in national and regional competitions.