

Ioannis Iakovakis

Curriculum Vitae

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Education

- Ongoing **PhD in Mathematics**, *Courant Institute of Mathematical Sciences, New York University, New York, USA.*
- June 2025 **BSc in Mathematics (Grade 9.93/10)**, *Department of Mathematics, Aristotle University of Thessaloniki, Thessaloniki, Greece.*

Research Experience

- Summer 2024 **Young Researchers in Mathematics Program**, *École Polytechnique Fédérale de Lausanne, July 1-7, 2024, Lausanne, Switzerland.*
Title: Popular differences in primes along fractional powers
P.I.: Professor Florian K. Richter
- Spring 2024 **Undergraduate Special Topic**, *Aristotle University of Thessaloniki, Thessaloniki, Greece.*
Title: Combinatorially Rich Subsets of Integers
P.I.: Professor Andreas Koutsogiannis

Papers

- Preprint **Popular differences in primes along fractional powers.**
With B. Calim, S. Long, J. Moffatt and D. Wooton
Submitted, arXiv: 2411.17599

Talks

- December 2024 **2nd Greek Number Theory Meeting**, *Aristotle University of Thessaloniki, December 19, 2024, Thessaloniki, Greece.*
Speaker
- October 2024 **Seminar of the Division of Mathematical Analysis**, *Aristotle University of Thessaloniki, October 17, 2024, Thessaloniki, Greece.*
Speaker

Teaching

- Fall 2024 **Teaching Assistant**, *Aristotle University of Thessaloniki, Greece.*
Undergraduate course: 0147 (Problem Seminar I)
Instructor: Professor Romanos D. Malikiosis

Honors & Awards

- 2025 **Award of Excellence in Mathematics (Aristeion)**, *Awarded, in memory of Prof. Michail G. Marias for outstanding performance in pure mathematics courses, Aristotle University of Thessaloniki.*
- 2022 - 24 **International Mathematics Competition (IMC).**
First Prize in 2023, Second Prize in 2024, Honorable Mention in 2022

2023 **South Eastern European Mathematical Olympiad for University Students (SEEMOUS).**

Silver Medal

2018 - 21 **Greek National Mathematical Olympiad "Archimedes".**

Silver Medal in 2018, Bronze Medal in 2020 and 2021

2018 **Junior Balkan Mathematical Olympiad.**

Bronze Medal

Languages

Greek (Native)

English (Fluent)

Hobbies

Music (Professional Pianist Degree)

Rubik's Cube speedsolving (Avg on 3x3: 15sec)

Chess (Playing and Solving Puzzles)

Sports (Swimming, Athletics, Calisthenics, team sports)

Volunteering