

Education

- 2014-2018 **B.S in Mathematics**, *Aristotle University*, Thessaloniki
2019-Present **Ph.D in Mathematics**, *Washington University in St.Louis*
Advisor: Brett Wick

Research Interests

Time-Frequency Analysis
Singular integral operators in the scalar and Banach valued setting
Sparse domination
Weighted inequalities

Publications

Sumbitted

- 2023 A. Fragkos, A. W. Green, B. D. Wick, Multilinear wavelet compact $T(1)$ theorem
arXiv:2312.09185
2022 F. Di Plinio, A. Fragkos, The weak-type Carleson theorem via wave packet estimates
arXiv:2204.08051

In Preparation

- 2023 A. Fragkos, B. D. Wick, Bloom's inequality revisited

Talks

- December 2023 Clemson University Analysis and PDE Seminar
April 2023 International Prague seminar on function spaces, Charles University
April 2023 AMS Special Session on Inequalities in Harmonic Analysis IV, Cincinnati, Ohio
November 2022 Analysis & Math Physics seminar, Virginia Tech
October 2022 Szego Seminar, Washington University in St. Louis
November 2021 Analysis Seminar, Washington University in St. Louis

Posters

- June 2022 Harmonic Analysis and related topics, Celebrating Michael Lacey's birthday

June 2022 11th International Conference on Harmonic Analysis and Partial Differential Equations, El Escorial, Madrid

Conferences/Workshops/Schools Attended

- 2023 AMS Spring Central Sectional Meeting, Cincinnati, Ohio
- 2023 Southeastern Analysis Meeting 39 (Clemson University - School of Mathematical and Statistical Sciences)
- 2022 Guido Weiss Memorial Conference On Harmonic Analysis (Washington University in St. Louis)
- 2022 Harmonic Analysis and related topics, Celebrating Michael Lacey's birthday
- 2022 11th International Conference on Harmonic Analysis and Partial Differential Equations, El Escorial, Madrid
- 2019 4th BCAM-UPV/EHU (Basque Center for Applied Mathematics / University of the Basque Country) summer school on harmonic analysis and PDEs: Restriction Theory
- 2018 90 years of Mathematics in the Aristotle University of Thessaloniki

Teaching

- Summer 2023 Instructor in Differential Equations (Math 217)
- Spring 2023 Assistant Instructor in Honors Mathematics I (Math 204)
- Fall 2022 Assistant Instructor in Honors Mathematics I (Math 203)
- Fall 2021 Assistant Instructor in Calculus III (Math 233), Washington University in St.Louis
- Spring 2021 Assistant Instructor in Calculus III (Math 233), Washington University in St.Louis
- Fall 2020 Assistant Instructor in Calculus II (Math 132), Washington University in St.Louis

Awards

- 2018 "Nikolaos Danikas" prize in Mathematical Analysis, Aristotle University
- 2017 Third Prize in IMC (International Mathematics Competition for university students)

Languages

Greek Native
English Fluent

Personal Information

Citizenship: Greek
Date of birth: 10 August 1996