PAVLOS ZOUBOULOGLOU

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EDUCATION

Doctoral student, UNC Chapel Hill, Statistics and Operations Research	August 2019 - May 2024
Advisor: Amarjit Budhiraja	
B.Sc. in Mathematics, University of Athens (NKUA), GPA: 8.51/10	September 2014 - June 2019
Study Abroad in Mathematics, TU Berlin GPA: 1.43/1.00	April 2018 -August 2018
Study Abroad in Computational Mathematics, ERAU GPA: 4.00/4.00	August 2017 - December 2017
Minor in Political Science, Deree GPA: 3.78/4.00	September 2015 - December 2017

PUBLICATIONS AND PREPRINTS

1. **"Breuer-Major Theorems for Hilbert Space-Valued Random Variables"**, *with Marie-Christine Düker. Submitted, 2024.*

2. **"Cyclical Long Memory: Decoupling, Modulation, and Modeling"**, *with Stephanos Kechagias and Vladas Pipiras. Submitted, 2024.*

3. **"Large Deviations for Empirical Measures of Self-Interacting Markov Chains"**, *with Amarjit Budhiraja and Adam Waterbury. Submitted, 2023.*

4. **"Large Deviations for Small Noize Diffusions Over Long Time"**, *with Amarjit Budhiraja. Transactions of the American Mathematical Society, Series B 11 (2024), 1-63.*

5. **"Cyclical Long Memory in Ship Motions at Non-Zero Speed"**, *with Vladas Pipiras and Themistoklis Sapsis. Proceedings of the 18th International Ship Stability Workshop (2022), 297-306.*

6. **"Scaled Torus Principal Component Analysis"**, *with Eduardo García Portugués and J S Marron. Journal of Computational and Graphical Statistics, 32:3 (2023), 1024-1035.*

TRAININGS AND CONFERENCES WITH CONTRIBUTED TALKS AND POSTERS

World Congress in Probability and Statistics Bernoulli-IMS	Bochum (GE), August 2024 (exp.)
Summer School: PDEs and Randomness University of Maryland	College Park (MD), August 2024 (exp.)
Seminar on Stochastic Processes Rice University	Houston (TX), March 2024
Northeast Probability Conference New York University	New York City (NY), November 2023
Stochastic Analysis, Random Fields, and Applications Michigan State University	East Lansing (MI), August 2023
Frontiers in Stochastic Analysis University of Illinois Chicago	Chicago (IL), August 2023
51st Probability Summer School Université Clermont Auvergne	Saint-Flour (FR), July 2023
Southeastern Probability Conference I Duke University	Durham (NC), May 2023
Seminar on Stochastic Processes University of Arizona	Tucson (AZ), March 2023
Graduate Students Conference in Probability UW-Madison	Madison (WI), September 2022
Brazilian School of Probability	Campinas (BR), August 2022
Summer School in Levy Processes NTUA	Athens (GR), July 2019

INVITED TALKS

Università di Pisa	June 2023

One World Dynamics Seminar	March 2023
UNC STOR Graduate Student Seminar	October 2021 and September 2022

AWARDS AND SCHOLARSHIPS

1. **Student Success Ambassador Award**, Graduate School (UNC)
2. **M. R. Leadbetter Graduate Student Excellence Award**, Dept. of Statistics and OR
3. **2023-24 Dissertation Completion Fellowship**, Graduate School, UNC — 22000 (in $)
4. **2022 Summer Research Fellowship**, Graduate School, UNC — 5000 (in $)
5. **Erasmus Study Abroad Scholarship**, Erasmus+ through NKUA, 2018 — 2250 (in €)
6. **Full Study Abroad Scholarship**, Stavros Niarchos Foundation and Deree, 2017 — 7950 (in €)
7. **Scholarship for Minor Cerificate**, Stavros Niarchos Foundation, 2015 — 1400 (in €)

TECHNICAL SKILLS

Technical   LaTeX, R, Matlab

EXTRACURRICULAR ACTIVITIES

- STEM Pride of the Triangle Board Member — August 2023 - May 2024
- STOR-Biostatistics student liaison, UNC — June 2023 - May 2024
- Graduate Student Seminar Co-Organizer, UNC — August 2021 - May 2024
- Graduate and Professional Student Federation Senator, UNC — September 2021 - August 2022