Krzysztof SMUTEK

smutek.org, krzysztof.m.smutek@gmail.com languages: Polish (native), English (fluent), French (intermediate)

Education

PhD in Mathematics, University of Luxembourg Supervisor: Prof. Giovanni Peccati Dissertation: High-Frequency Statistics of Smooth Gaussian Random Waves https://hdl.handle.net/10993/63749	2024
Master 2 Mathématiques Appliquées et Théoriques, Université Paris-Dauphine	2019
Bachelor of Science in Mathematics, University of Warsaw	2016

Papers

Fluctuations of the Nodal Number in the Two-Energy Planar Berry Random Wave Model, https://doi.org/10.30757/ALEA.v22-01, published in Latin American Journal of Probability and Mathematical Statistics (ALEA).

Teaching

I was a teaching assistant responsible for tutorials (90 min/week, in english) for the following courses at the University of Luxembourg:

Complex Analysis, lecturer prof. Sarah Scherotzke, 4th semester of BSc in Mathematics	2021, 2022
Fourier Analysis, lecturer prof. David Fernández, 5th semester of BSc in Physics	2021, 2022
Linear Algebra, lecturer prof. Gabor Wiese, 2nd semester of BSc in Mathematics	2023

Invited Talks

INdAM Workshop: Analysis and Geometry of Random Fields, Rome	2024
The L^2 Workshop in Probability and Statistics, Metz	2023

Scholarships

• Kovalevskaya Grant (unclaimed), International Congress of Mathematicians, St. Petersburg	2021
• Travel Grant, ACM Conference on Fairness, Accountability and Transparency, Barcelona	2019
• Foundation Sciences Mathématiques de Paris, Master Scholarship	2018
• Rector's Scholarship, University of Warsaw, top 7% of students	2017

Referees

Prof. Dr. Giovanni Peccati University of Luxembourg, Luxembourg giovanni.peccati@uni.lu

Prof. Dr. Anna Paola Todino Università del Piemonte Orientale, Italy annapaola.todino@uniupo.it

Prof. Dr. Federico Dalmao Universidad de la República, Uruguay fdalmao@unorte.edu.uy

Prof. Dr. David Fernández Polytechnic University of Madrid, Spain david.fernandezalv@upm.es (concerns teaching)