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The parabolic Anderson model on Galton-Watson trees

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“I thank you, I am not of many words, but I thank you.”

Much Ado About Nothing, I.i.154-155

Shakespeare

Curriculum Vitae

Daoyi Wang was born on November 1st 1996 in Beijing, China. He moved to The Netherlands in 1997 where he attended the *British School in the Netherlands*. He obtained his GCSEs in 2013, and his A-Levels in Mathematics, Further Mathematics, Physics and Biology in 2015.

Afterwards, he attended the University of Bristol to pursue a Master of Science in Mathematics where he decided to focus on probability and statistics. He wrote his Master's project titled 'Ergodicity of Stochastic Processes and Markov Chain Central Limit Theorem' under the supervision of Prof. Márton Balázs, for which he was awarded the Howell Peregrine prize for the best undergraduate project. He graduated with first class honours in June 2019.

In October 2019, Daoyi moved to Leiden to start his PhD under the supervision of Prof. Frank den Hollander at Mathematical Institute of the University of Leiden. He was part of the NETWORKS Gravitation Programme funded by the Dutch Ministry of Education, Culture and Science. During this time, he has lectured at the Leiden University College, supervised students for the Leiden PRE-university programme and assisted in various Bachelor and Master units.

Publications

1. F. den Hollander and D. Wang. Annealed parabolic Anderson model on a regular tree. *Markov Process. Related Fields*, 30:105–147, 2024.
2. F. den Hollander and D. Wang. The parabolic Anderson model on a Galton-Watson tree revisited. *J. Stat. Phys.*, 189(1):Paper 8, 2022.
3. D. Wang. The parabolic Anderson model on a Galton-Watson tree with normalised Laplacian, 2023. Preprint, arXiv:2310.05602, submitted.