

PhD Position in Probability (Random Growth Models & KPZ) – Edinburgh,
Sept 2026

A fully funded PhD position under the supervision of **Dr. Ofer Busani** is available in the **School of Mathematics at the University of Edinburgh**, starting in **September 2026**. The research will focus on **random growth models**—mathematical models describing how interfaces or surfaces evolve over time—with close connections to the **Kardar–Parisi–Zhang (KPZ) universality class**. The project aims to push the frontiers of our understanding in this rapidly developing area at the intersection of **probability, analysis, and mathematical physics**.

The position is funded by the **UnivKPZ ERC Starting Grant**. The successful candidate will join a growing ERC-funded research team and will also benefit from the wider **probability group at Edinburgh**, one of the largest in the UK. Group members work on topics such as **stochastic PDEs, random matrices, and integrable probability**, giving the student valuable opportunities to interact and collaborate with leading researchers in areas closely related to KPZ.

The position is fully funded for **4 years**, covering tuition fees and a **competitive stipend**, and is open to applicants of **all nationalities**. The student will also have opportunities to attend **international conferences and workshops** (including those hosted in Edinburgh) and will have scope to shape the project according to their own interests.

Deadline: There is no formal deadline. However, students who wish to be considered in the current admissions round are encouraged to apply by **the end of January 2026**.

Applications should be submitted via the [University of Edinburgh postgraduate portal](https://study.ed.ac.uk/programmes/postgraduate-research/515-probability-and-stochastics):

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Applicants are asked to **explicitly mention in their application that they wish to pursue the PhD under the supervision of Dr. Busani**.

Beyond mathematics, **Edinburgh offers a vibrant student life and a**

wonderful setting in which to live and study. The city is regularly ranked among the best places in the UK for students, combining historic charm with a rich cultural scene and easy access to nature.