

Six-year PhD position at TU Delft

The Institute of Applied Mathematics at **TU Delft** invites applications for a

Six-year PhD position in Applied Probability and Mathematical Physics.

We are looking for a highly motivated candidate to work on the project “Statistical mechanics problems on random graphs” in a joint collaboration under the supervision of Dr. J.L.A. Dubbeldam, Associate professor in the *Mathematical Physics* group and Dr. E. Pulvirenti, Assistant professor in the *Applied Probability* group of Delft Institute of Applied Mathematics (DIAM).

The research work for the future PhD candidate focuses on metastability for spins models on random graphs, both from the perspective of theoretical probability and numerical simulations.

In addition to the research work, the student is expected to teach (40% of the work load). This position is meant for a candidate who also wants to acquire teaching skills and contribute to the educational program of TU Delft. Therefore the position is for 6 years.

See <https://www.tudelft.nl/over-tu-delft/werken-bij-tu-delft/vacatures/details/?jobId=1458&jobTitle=Six-year%20PhD%20position%20in%20Applied%20Probability%20and%20Mathematical%20Physics> for more details.

For information about this vacancy, you can contact both J.L.A. Dubbeldam, email: JLADubbeldam@tudelft.nl, and E. Pulvirenti, email: E.Pulvirenti@tudelft.nl.

To apply for this vacancy, please provide before 12/12/2020:

- a detailed CV (optional: including papers you have submitted / published)
- a list of courses taken and grades obtained
- a copy of your Master's thesis (or a draft if not yet submitted)
- contact information for 2-3 references
- motivation letter (explaining why you would make an excellent candidate for this position)