

1-year post-doctoral position
at Institut Mines Télécom Lille Douai
ANR Project GrHyDy

The position is funded by ANR Project GrHyDy:
<http://math.univ-lyon1.fr/~mitsche/GrHyDy/GrHyDy.htm>

Research areas: random graphs, random geometric (hyperbolic) graphs, random walks, percolation, probabilistic combinatorics.

In an Euclidean and/or hyperbolic setting, we will investigate the macroscopic properties (percolation, number of topological ends) of several (greedy) geometric random graphs. Their vertex sets are given by a Poisson point process and each Poisson point is connected to another vertex according to a local and geometric rule.

Practical informations:

- A post-doctoral funding is available for one year (12 months) with a monthly net salary of 2174 Euro.
- No teaching obligations (but teaching might be possible).
- Financial support to attend workshops / invite collaborators is granted by ANR Project GrHyDy. In particular, the candidate will be able to spend part of the time at the research institutes of the project partners.
- Starting date in September 2021.
- Applications should include: CV, a list of publications, an approximately one-page description of research interests and two names that can be contacted for reference letters.
- Applications should be sent by email to David Coupier: david.coupier@imt-lille-douai.fr
Informal inquiries are very welcome and can be sent to the same address. Deadline for applications: May 1, 2021 (If you are interested, please contact us as soon as possible. Depending on the applications that we will receive, we may decide to fill the position before the official deadline).