1-year post-doctoral position
at Institut Mines Télécom Lille Douai (France)

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

Supervisor and contact: David Coupier, `david.coupier@imt-lille-douai.fr`
and webpage `https://sites.google.com/view/pageprodedavidcoupier`

Location: Lille (approximately 1h30 away from Paris by TGV, 1h30 away from London by Eurostar, and 30 minutes from Bruxelles).

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: July 1, 2021.