

**** Postdoc d'1 an à Lille (Institut Mines Télécom) ****

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Un postdoc d'1 an est à pourvoir à l'Institut Mines Télécom Nord Europe (site de Lille) à partir de septembre 2021 avec David Coupier et financé par l'ANR GrHyDy.

Thème : graphes aléatoires géométriques en Euclidien et hyperbolique.

Plus d'informations en pièce jointe.

Deadline: July 1, 2022.

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David Coupier

Professeur des Universités en Mathématiques

Institut Mines Télécom Nord Europe

[https://sites.google.com/view/
pageprodedavidcoupier/accueil](https://sites.google.com/view/pageprodedavidcoupier/accueil)

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1-year post-doctoral position

at Institut Mines Télécom Nord Europe (Lille, 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-nord-europe.fr
and webpage <https://sites.google.com/view/pageprodedavidcoupier>

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

Research areas: stochastic geometry, random graphs, percolation, probabilistic combinatorics.

In an Euclidean and/or hyperbolic setting, we will investigate the macroscopic properties (percolation, number of topological ends) of geometric random graphs whose vertex sets are given by a Poisson point process and connection between Poisson points are determined according to local and geometric rules.

Practical informations:

- A post-doctoral funding is available for one year (12 months) with a monthly net salary of about 2150 Euros.
- No teaching obligations (but teaching might be possible). This will be discussed with the successful candidate.
- 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. A laptop computer will be made available to the recruited candidate during the postdoc.
- Starting date between September 2022 and January 2023.
- 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. Informal inquiries are very welcome and can be sent to the same address. Deadline for applications: July 1, 2022.