The ERC NEMO project is hiring a junior researcher with a strong background in probability theory and interests in network science. He/she will be hired for five years to work on all scientific challenges and research tracks of the project. He/she will help oversee the work of postdocs, students. He/she will also help developing relations with our network of external collaborators.

The researcher's main mission will be to conduct original research activities within the framework of the ERC Nemo project on the following topics: stochastic processes, random graphs, stochastic geometry, point processes, modeling of large networks. He/She will also have a global co-supervision mission of the ERC research group.

Main activities
To contribute:
- research work on the topics listed above 80%
- supervising PhD students and postdocs working on these topics 10%
- to the animation of scientific life 5%
- reporting process to the ERC 5%

Skills
Mathematics: PhD or equivalent
Engineering: PhD or equivalent
ENGLISH: Excellent

The profiles can be of various kinds: for example basic training in probability theory with interests on large random graphs, basic training in statistical physics with interests on particle systems, basic training in the field of communication networks with solid foundations in mathematics, etc.

The position should be seen as an exceptional opportunity to do top-level research for 5 years (3 years with possibility of renewal for 2 additional years) on the themes of the ERC Nemo.

Benefits package
- Subsidised catering service
- Partially-reimbursed public transport

Remuneration
- Duration: 3 years with possibility of renewal for 2 additional years
- Targeted hiring date: 01/01/2019
- Location: Paris
- Gross Salary per month: according to experience

General Information
- Theme/Area: Networks and Telecommunications
- Town/City: Paris
- Starting date: 2019-01-01
- Duration of contract: 3 years
- Deadline to apply: 2018-12-31

Contacts
- Inria Team: DYOGENE
- Recruiter: Baccelli Francois / francois.baccelli@inria.fr

About Inria
Inria, the French National Institute for computer science and applied mathematics, promotes "scientific excellence for technology transfer and society". Graduates from the world's top universities, Inria's 2,700 employees rise to the challenges of digital sciences. With its open, agile model, Inria is able to explore original approaches with its partners in industry and academia and provide an efficient response to the multidisciplinary and application challenges of the digital transformation. Inria is the source of many innovations that add value and create jobs.

Conditions for application
Defence Security:
This position is likely to be situated in a restricted area (ZRR), as defined in Decree No. 2011-1425 relating to the protection of national scientific and technical potential (PPST). Authorization to enter an area is granted by the director of the unit, following a favourable Ministerial decision, as defined in the decree of 3 July 2012 relating to the PPST. An unfavourable Ministerial decision in respect of a position situated in a ZRR would result in the cancellation of the appointment.

Recruitment Policy:
As part of its diversity policy, all Inria positions are accessible to people with disabilities.

Warning: you must enter your e-mail address in order to save your application to Inria. Applications must be submitted online on the Inria website. Processing of applications sent from other channels is not guaranteed.