**POSTDOC POSITION FOR 2024**

*Université Lyon 1*

funded by the ERC project Vortex

Applications are invited for one (possibly two) postdoctoral fellowships in probability/mathematical physics at the University Lyon 1, in the Laboratoire *Institut Camille Jordan* (http://math.univ-lyon1.fr/?lang=en). The postdoc is funded by the ERC grant “Vortex” (*Spin systems with discrete and continuous symmetry: topological defects, Bayesian statistics, quenched disorder and random fields*).

**Main research areas include:** Villain and XY model, Coulomb gas, Berezinskii-Kosterlitz-Thouless transition, lattice gauge theory, Gaussian Free Field, Ising and dimer models, percolation, localisation and delocalisation of interfaces, classical Heisenberg model, planar statistical physics.

**Practical information:**

- The position is for two years (with a possible extension to a third year), with a salary of approx. 38000 per year (between year 0 and 3 after PhD) and approx. 50000 euros per year (between year 3 and 7 after PhD). For 38kE, it corresponds approx to 2400 euros/month after all taxes. For 50kE, it corresponds approx to 3000 euros/month after all taxes.

- Substantial financial support to attend conferences, workshops and invite collaborators will be granted. (Approx 5000 euros/year).

- No teaching.

- A lot of activity around probability in Lyon. See Probability team, Lyon 1 (in french) or Probability team in nearby ENS Lyon.

- Great city :-) 

- The expected starting date is September 2024, but a different date may be arranged.

**Application and deadline.**

Applications including a CV, a list of publications and a (approximately) three-pages description of research interests should be sent by email to Christophe Garban: christophe.garban@gmail.com before January 18th, 2024.

Applicants should also arrange for up to three letters of recommendation to be sent to the same address.

They will be evaluated first on January 19th, 2024 and then on a rolling basis.
Contact. (all members of the ERC project Vortex).
- Christophe Garban (christophe.garban@gmail.com)
- Diederik van Engelenburg (diederikvanengelenburg@gmail.com)
- Avelio Sepúlveda (lsepulveda@dim.uchile.cl)
- Jean-Marie Stéphan (stephan@math.univ-lyon1.fr)