POSTDOC POSITION FOR 2026-2028

Université Lyon 1
funded by the ERC project Vortex

Applications are invited for a postdoct position in probability/mathematical physics at the University Lyon 1, in the Laboratoire *Institut Camille Jordan* (https://math.univ-lyon1.fr/icj/). 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 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 2026, but a different date may be arranged.

Contacts.
- Christophe Garban (christophe.garban@gmail.com)
- Avelio Sepúlveda (lsepulveda@dim.uchile.cl)

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 **December 15th, 2025**.

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

They will be evaluated first on December 16th, 2025 and then on a rolling basis.

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