

Subject: Postdoc position, statistical physics /  
computational biology

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We are seeking candidates for a postdoctoral research position at the interface between statistical physics and computational biology. The postdoc will work in collaboration with Martín Weigt (UPMC) and Francesco Zamponi (ENS Paris), on statistical-physics inspired data-driven modelling approaches to the evolution and coevolution of proteins.

The scientific project concerns in particular the study of the impact of phylogenetic effects on the Direct Coupling Analysis (DCA), both in stylized toy models and in real protein sequence alignment data. We will use methods from statistical physics and statistical

inference.

Most of the work will likely be computational, although some analytic calculations might also be performed.

A background in statistical or biological physics is required. The candidate should have a general interest in working with biological data, but no prior background in biology is needed.

Applications are welcome at any time, until the position is filled.

Please send an email to [francesco.zamponi@lpt.ens.fr](mailto:francesco.zamponi@lpt.ens.fr) and

[martin.weigt@upmc.fr](mailto:martin.weigt@upmc.fr), containing your CV and, if you wish, other

application material such as research statement, etc.

Please use the

email subject "Application YOUR\_NAME

YOUR\_SURNAME". Recommendation

letters (at least two and no more than four) should be sent to the

same addresses with the same subject. Alternatively, the complete

application package (including recommendation letters)  
can be sent

through AcademicJobsOnline at this address:

<https://academicjobsonline.org/ajo/edelivery/2361>

Applications from young candidates (for a first postdoc  
after the

PhD), women, and underrepresented minorities are  
especially welcome.