



LABORATOIRE DE PHYSIQUE THÉORIQUE ET MODÈLES STATISTIQUES  
CNRS & UNIVERSITÉ PARIS-SUD – ORSAY – FRANCE

LABORATOIRE PHYSIQUE ET MÉCANIQUE DES MILIEUX HÉTÉROGÈNES  
CNRS & ESPCI – PARIS – FRANCE

## Postdoctoral position available

We welcome applications from postdoctoral candidates interested in frustrated self-assembly of irregular objects and other problems at the **interface between Soft Matter/Statistical Physics and Biology**. Possible other projects include collaborations with Niels Holten-Andersen (MIT) to predict the viscoelastic behavior of biomimetic gels, Olivia du Roure and Julien Heuvingh (ESPCI) and Cécile Leduc (Institut Pasteur) to study the self-organization of cytoskeletal networks and with Aurélien Roux (U. of Geneva) on protein-membrane interactions. More details at

[www.lptms.u-psud.fr/membres/mlenz/research](http://www.lptms.u-psud.fr/membres/mlenz/research)

The postdoc will join a dynamic group spearheading research at the Soft Matter/Biology interface within a world-class Statistical Mechanics lab. The position presents ample opportunities for strong interactions with local and international collaborators. **Autonomous interactions with experimentalists** and the **development of creative independent projects** are encouraged. Depending on project and the candidate's expertise and preferences, the work might range from analytical to largely numerical. Teaching and outreach opportunities will also be provided.

The postdoc will be employed by CNRS, France's largest and most recognized research institution. Funding is available for at least **two years of employment**. The hosting laboratory, LPTMS, is joint unit of CNRS and Université Paris-Sud with a markedly international atmosphere. Located in Orsay, it is **25 minutes away from central Paris via a frequent, direct commuter train**. Depending on the project, **the postdoc may spend a significant fraction of her or his time at PMMH**, an ESPCI laboratory located in **central Paris** where the PI has a secondary office.

The net salary for the position ranges between 2000 €/month and 2900 €/month depending on experience. Benefits include free full healthcare coverage for the postdoc and his or her dependents, generous vacations, 16-weeks fully-paid maternity leaves, free schooling from age 3 and subsidized child care for younger children. CNRS additionally subsidizes vacations, sports and cultural activities for its employees.

The position will begin **preferably in the Fall of 2019**, although later appointments are also possible. Review of applications will continue until the positions are filled. For primary consideration, applicants are encouraged to apply before June 20<sup>st</sup> 2019. The successful candidate will hold a Ph.D. by the start date and have strong background and research achievements in Theoretical Soft Matter, Biological and/or Statistical Physics. Applicants coming from Mechanics and Computational Physics will also be considered. Applications will comprise the names of three references, an application letter, a CV and a publications list including preprints. Informal inquiries welcome.

### Contact:

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