



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



Postdoctoral position available

We welcome applications from postdoctoral candidates interested in theoretical descriptions of the cytoskeleton and other problems at the **interface between Soft Matter/Statistical Physics and Biology**. Possible projects include theoretical investigations of the frustrated self-assembly of irregular objects as well as collaborations with Niels Holten-Andersen (MIT) to predict the viscoelastic behavior of biomimetic gels, Olivia du Roure and Julien Heuvingh (ESPCI) to study branched actin networks, Guillaume Romet-Lemonne and Antoine Jégou (Inst. Jacques Monod) to investigate formin-mediated actin polymerization and with Aurélien Roux (U. of Geneva) on protein-membrane interactions. More details at

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 work is to be conducted at LPTMS, a joint laboratory 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**.

The gross salary for the position ranges between 2600 €/month and 3600 €/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 at a **flexible date** from October 2018. 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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