ÉCOLE NORMALE SUPÉRIEURE DE LYON

Lab PHYS ENS de LYON

Opening of a postdoctoral position in the field of solid friction

Laboratoire de Physique de l'ENS de Lyon

We invite application for a one-year postdoctoral position at ENS de Lyon to study solid friction. Our focus is on the interfacial mechanisms responsible for the frictional behavior of solid bodies. In particular, we investigate the role of interfacial heterogeneities in the frictional failure. We use experimental approaches, mainly based on fast imaging of frictional interfaces, coupled to measurements of forces, strains and displacements.

Profile: The position is for a junior postdoctoral researcher (< PhD + 2 years) with a strong experimental profile. The potential candidates should have a solid background in physics (soft matter/ mechanics/ geophysics/…). Experience with image analysis (PIV or image correlation), acoustic and/or strain measurements will be appreciated. The duration of the offered position is 1 year and the envisaged starting period is Fall 2018, no later than January 2nd, 2019.

Application: Please send CV, motivation statement, and names and contact information of two or three references to elsa.bayart@ens-lyon.fr. Please address explicitly in your motivation statement why you are attracted to experimental research in solid mechanics.

Contact: Elsa Bayart (CNRS & ENS Lyon) – elsa.bayart@ens-lyon.fr
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