

Post doctoral Position

”Representations of Surface Groups”

- **Institution/Company:** Agence Nationale de la Recherche
- **Departments :** Mathematics depts of the Université d’Avignon, Paris-Sud (Orsay), Paul-Sabatier (Toulouse), Joseph-Fourier (Grenoble), Strasbourg, Lille.
- **Employer Type(s):** Academic
- **Position Type(s):** Post-Doctorate
- **Subject Area(s):** Mathematics
- **Geographic Location of Position:** France, possibly in Avignon, Grenoble, Lille, Paris (Orsay), Strasbourg and/or Toulouse.
- **Position Description:** 12 months Post-doctoral position

One post-doctoral research fellowship for the 2010-11 academic year with financial support from the French National Research Agency (ANR) in connection with the research project: “Extensions of Teichmüller-Thurston theories”.

The aim of this project is to bring together different aspects of the moduli spaces of representations of surface groups, participants are divided in two teams located in Orsay (with extensions in Strasbourg and Lille) and Toulouse (extensions in Avignon, Grenoble).

Applicants should be willing to work in any of the following fields related to moduli spaces of representations: Higgs bundles theory, bounded cohomology, geometric structures and hyperbolic geometry, Teichmüller Theory, conformal field theory mapping class group actions, cluster algebras, symplectic geometry, translation surfaces, biliards etc.

The applicant should have obtained his Ph.D after September 2006. We will give priority to applicants who have obtained their thesis before April 2010, but we may also consider applicants whose defence is planned before June.

The research fellow will participate to the activities related to this project. He will join one of the team and can choose between the different locations. He is strongly encouraged to visit some of the other teams, or share his time between two of them.

For futher informations please contact,

- in Orsay : Franois LABOURIE (francois.labourie ”at” math.u-psud.fr)
- in Toulouse : Jean-Marc SCHLENKER (schlenker ”at” math.univ-toulouse.fr)

The application should contain

1. a vitae,
2. list of publications
3. a motivation letter, precisng which team he wishes to join.
4. a short (2/3 pages) description of your scientific work.

5. letters of recommendations sent separately.

It should be send by ordinary mail to the address below, with an electronic copy to the above adresses,

Jean-Marc Schlenker
Institut de Mathématiques de Toulouse
Université Toulouse 3
118 route de Narbonne
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The deadline for the application is April 15th 2010. The decision will be made by the beginning of May.