Applications are invited for a postdoctoral position in Ergodic Theory and Dynamical Systems within the project *Non Uniform Hyperbolicity in Global Dynamics* of Sylvain Crovisier funded by the ERC.

**Beginning:** september 2019

**Length:** 24 months

**Location:** Laboratoire de Mathématiques d’Orsay, Université Paris-Sud 11, France

**Research:** this postdoctoral position is funded by the ERC project *Non Uniform Hyperbolicity in Global Dynamics*. This project studies the qualitative, symbolic and probabilistic aspects of the dynamics of differentiable dynamical systems (diffeomorphisms or flows). It focuses in particular on:

- partial hyperbolicity and various notions of non-uniform hyperbolicity,
- symbolic dynamics and ergodic theory of differentiable systems,
- perturbative techniques and genericity.

The research project of the candidate should be related to one of the main tasks of this project.

**Teaching:** no teaching load

**Income:** the salary is about 2 100 euros per month

**Application:** the candidate should sent an e-mail to Sylvain Crovisier with subject [Postdoc NUHGD] YOUR_NAME YOUR_SURNAME by 10th December 2018. The email should include a CV (including a list of publications), a short description of the research and a research plan. Complete articles should not be attached to the email, but links to Arxiv or a web page are very welcome. Recommendation letters should be sent directly by the reference using an email with the same subject as the candidate.

**Deadline:** 10th December 2018 at 24:00 (Paris-time).

**Contact:** sylvain.crovisier@math.u-psud.fr