

Postdoctoral Research Position in Dynamical Systems

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 1st, 2021

Length: 6 months

Location: Laboratoire de Mathématiques d'Orsay, Université Paris-Saclay, 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 apply by 28th June 2021 on

<https://emploi.cnrs.fr/Offres/CDD/UMR8628-MARMYO-024/Default.aspx?lang=EN>

Complete articles should not be sent, but links to Arxiv or a web page are very welcome.

For questions, please send an e-mail to Sylvain Crovisier with subject [Postdoc NUHGD] YOUR_NAME YOUR_SURNAME. Recommendation letters should be sent directly by the reference using an email with the same subject as the candidate.

Deadline: 28th June 2021 at 24:00 (Paris-time).

Contact: sylvain.crovisier@universite-paris-saclay.fr