



Postdoctoral research position in atmospheric chemistry

Scientific context

The context of the proposed position is a collaborative project between LSCE (Laboratoire des Sciences du Climat et de l'Environnement) and INRA-ECOPHYS (Institut National de la Recherche Agronomique) supported by the ADEME French institute. Its main objective is to identify and quantify various pollutants (aerosols, VOC, methane, ammoniac and pesticides) emitted by a typical farm system.

The successful candidate will be responsible for the operation of a Quad-ACSM and will be a support for the other instrumentation (GC-FID for VOCs measurements...). Measurements will be performed at the Grignon farm (20 km west from Paris) and will consist in near-field and ambient air measurements during a 6-months period. Objectives will be to determine source fingerprints of different agricultural activities sources and then to perform source apportionment on the ambient air time series. It's expected from the candidate an involvement in all phases (experimental, data treatment, source apportionment) of the project including communication (conference, report, publication).

Expected profile

Candidate should hold a PhD in atmospheric sciences and have strong skills in experimental analyses on atmospheric gases and aerosols. Knowledge on the ACSM instrument operation and data treatment (source apportionment) is expected and previous experience on field work would be an asset.

Type of contract

- Contract period: 18 months
- Salary according to CNRS rules and experience
- Starting Date: October 2017 (latest January 2018)
- Location: LSCE (Gif sur Yvette, 20 km South from Paris)

How to apply

Please send a CV, a motivation letter and contact information for two references to Valerie Gros (valerie.gros@lsce.ipsl.fr)

Deadline for application: July 1