

Comets/Rosetta infrared data

August 24, 2016 -- Anonymous (not verified) **Department:** LESIA

City: Meudon

State/Province:

Category: Atmospheres

Observation

Spectroscopy

Country: France

Contact Person: Dominique Bockelee-Morvan

Institution: Observatory of Paris

Application Due Date: Sunday, September 25, 2016

Web Link:

A 2-year post-doctoral position in cometary science is opened at the Observatory of Paris (LESIA, CNRS, Meudon), beginning in fall 2016.

The successful applicant will analyse infrared spectra of the atmosphere of comet 67P/Churyomov-Gerasimenko obtained with the high-spectral resolution channel of the VIRTIS/Rosetta instrument (Visible Infrared Thermal Imaging Spectrometer) built at the Observatory of Paris. The project will focus on the study of the distributions of H₂O and CO₂ gases, and their seasonal, diurnal, and regional variations to understand the processes which control cometary activity. Other topics of interest could be considered.

The applicant will benefit of a dynamic research environment, with the possibility to interact with scientists involved in several Rosetta instruments. Conference travel and equipment support will be provided.

A PhD in astrophysics is required. The following skills will be considered in the evaluation process of the applicants :

- working knowledge in planetary science, and comets
- expertise in the reduction of infrared spectroscopic observations
- knowledge in radiative transfer
- previous experience in space missions, in particular Rosetta, is an asset.

Applicants should submit a curriculum vitae with a list of publications, a short review of previous works and statement of research interest. They should arrange for two reference letters. The closing date is 25 September 2016. Late applications can be considered, until the position is filled. Applications should be sent via email to dominique.bockelee@obspm.fr [1].

The project is funded by Paris Sciences Lettres University (program IRIS OCAV).

Position Type: Post-doctoral or Fellowship

Contact Email: dominique.bockelee@obspm.fr [1]

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[1] <mailto:dominique.bockelee@obspm.fr>