



**Postdoctoral Researcher in Atmospheric Physics**  
**EPhysLab - Universidade de Vigo**  
**July 2016**

The Environmental Physics Laboratory (EPhysLab) at the Universidade de Vigo is recruiting a Postdoctoral Researcher in Atmospheric Physics in the framework of the project ZEXMOD (Stratospheric circulation in models: generation, diagnostics and impacts), funded by the Spanish Ministry of Economy.

ZEXMOD is a project developed in the EPhysLab in collaboration with researchers from the National Center for Atmospheric Research (US) and the Supercomputing Centre of Galicia (CESGA). This project aims to improve the representation of the QBO in models, to get a better understanding of features as age-of-air, sudden warmings and their interaction with the upper troposphere/lower stratosphere.

### **Job details**

Your research will be focused on the study of the representation of the stratosphere in climate models and stratosphere-troposphere coupling. You will be allowed to pursue your own research lines.

In the framework of the project your duties will include performing analyses, writing and contributing to scientific papers, attending conferences, and, if necessary, carrying out brief research stays abroad. You will have access to core funding, internal grants and opportunities to attend courses for personal development.

### **Requirements**

- A Ph.D. in a discipline relevant for the job offer: Physics, Meteorology, Geophysical Fluid Dynamics, etc.
- Knowledge of GNU/Linux systems, Fortran and IDL and/or Python
- Good programming skills
- Fluency in English

You should be qualified to work in Spain by the beginning of the contract. We are open to applications from candidates that foreseen to get a Ph.D. by the end of 2016. The selected candidate should begin at this position not later than January 2017.

### **Other desired skills**

- expertise working with climate models (mainly NCAR's CESM)
- expertise in stratospheric dynamics

- fluency in Spanish, Galician or Portuguese

### **Salary, conditions and benefits**

The position is open starting immediately and will be filled as soon as possible. The initial contract is offered for two years. Extensions and opportunities can be negotiated depending on your performance and funding availability.

The initial gross salary offer is 25,000 €/year. The salary is very competitive relative to the cost of living in Ourense; and increases are negotiable depending on the candidate's qualifications. The contract includes health coverage provided by the Spanish national health system (including immediate family), contribution to the Spanish national pension system (widely compatible with other international schemes) and 4 weeks of vacation per year.

This is a full time position (37,5 hours/week) located in the EPhysLab offices in the Campus As Lagoas, Ourense, Spain.

### **Application**

You should send via email a brief CV (maximum 2 pages), a brief statement of interests (maximum 1 page), and include the name and contact details of two or three senior researchers who can provide recommendation letters.

Both applications and informal enquiries should be sent to:

Dr. Juan Antonio Añel ([j.anel@uvigo.es](mailto:j.anel@uvigo.es))