

## **Postdoctoral Fellow position at Institute of Geophysics Institute Faculty of Physics University of Warsaw**

There is a vacancy for a postdoctoral fellow position at Institute of Geophysics, Faculty of Physics University of Warsaw within Climate-Aerosol Modeling. The position is for a period of one year between 15 January and 14 December 2017.

### **About the project/work tasks**

The position is connected to the SONATA-BIS grant nr UMO-2012/05/E/ST10/0157 entitled "Integrated studies of climate processes involving absorbing aerosols" focuses on the aerosol -climate modeling. The position will focus on:

- preparation and run climate simulations in Central Europe domain for different black carbon emission scenario
- determination of the vertical profiles of black carbon on the radiative forcing, climate sensitivity as well as the parametrization of vertical variability of black carbon on the climate system response
- estimation radiative forcing and climate sensitivity of black carbon deposited on snow surface during winter season.

### **Qualifications:**

- Applicants must have achieved a PhD or equivalent in meteorology, oceanography, physics, or related fields, or have presented the dissertation for assessment by the closing date for applications.
- candidates must have a strong background in aerosol and climate and should have good knowledge of climate dynamics proven experience with climate or weather modeling
- excellent skills are required in programming and performing simulations with general circulation models
- proven experience of MATLAB or IDL as well as FOTRAN language
- proficiency in both written and oral English
- the candidate will work in a lively research environment and should have good team working skills
- **encourage people with disabilities to apply for this position.**

### **We can offer:**

- a good and professionally challenging working environment
- salary about 1 400 Euro/month
- 35 days of vacation
- good welfare benefits.

### **Documents required:**

- Application for the position;
- CV (with contact e-mail address);
- Information about candidate's scientific career and teaching experience;

- List of scientific publications with citations number;
- Copy of the PhD diploma certificate;
- **Deadline 30 Nov 2016**

**General information:**

Detailed information about the position can be obtained by contacting:  
Dr Krzysztof Markowicz, e-mail: [kmark@igf.fuw.edu.pl](mailto:kmark@igf.fuw.edu.pl)