

Faculty of Physics University of Warsaw in the framework of OPUS 19 project: “*Stably-Stratified Atmospheric Boundary Layer: Beyond the standard Monin and Obukhov Approach*”

offers

one 6-month master student grant

https://projekty.ncn.gov.pl/index.php?projekt_id=485030

Project description

The present project will develop a basic description of the atmospheric boundary layer (ABL) that goes beyond the standard Monin–Obukhov approach. This description is a receipt for evaluating mean ABL quantities, especially vertical transports of heat, moisture, and momentum. The project is based on a basic premise that any physical phenomena (ABL in the present project) can be understood by examining the structures of its governing equations. Investigations will follow already well-established methodologies in applied mathematics: nondimensionalization and the symmetry analysis.

Requirements

- good background on atmospheric physics, fluid mechanics and turbulence. Well seen is a previous experience in numerical modeling and analysis of measurement data.
- the candidate should be a student (student in second or third cycle) in Physics, Technical Physics or similar discipline and should be enrolled in the Polish education system
- recruitment follows the rules for awarding scholarships set out in the Regulations for the awarding of scholarships in research projects financed from the resources of the National Science Center (annex to the resolution of the NCN Council 96/2016 of 27 October 2016)
https://ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2016/uchwala96_2016-zal1.pdf

Key responsibilities

- analysis of data from measurement campaigns in the stable atmospheric boundary layer

Scholarship

- numer of scholarships: **1**
- scholarship: **1000 PLN per month**
- duration: **6 months**, from September **1st, 2022**
- submission deadline: June **30th, 2022**
- In the case of students from outside the Republic of Poland, the scholarship does not cover the costs of tuition fees or removal costs.
- The candidate should provide the following documents by e-mail to the Secretariat IGF, Faculty of Physics, University of Warsaw e-mail: sekretariat.IGF@fuw.edu.pl :
 1. Application for the position required together with the acceptance for the treatment of personal data - the information clause and the consent clause attached to the announcement. In case of submitting the application by e-mail, please use the pdf-format and the file should contain a scanned signature.
 2. The acquired diploma (Bsc) and information about students career.
 3. Current CV and the list of publications
 4. Contact details of two persons who can provide information about the candidate.
 5. In case of foreigners outside of EU, EFTA and the countries that are signatories to the Convention on the Recognition of Qualifications concerning Higher Education in the European Region - a document certifying a diploma in the territory of the Republic of Poland
(<https://nawa.gov.pl/en/recognition/recognition-for-academic-purposes/applying-for-admission-to->

doctoral-studies).

The candidate, in case of being accepted, will be required to present the originals of all the documents.

The entire procedure will be concluded before 31st of July, 2021. The candidate might be asked for an interview with the recruitment commission. The candidate will be notified of the result of his/her application by e-mail.

Additional information about the project: dr Marta Waclawczyk, marta.waclawczyk@igf.fuw.edu.pl, tel. 22 55 32 037.

INFORMATION ON THE PROCESSING OF PERSONAL DATA INFORMATION CLAUSE

Pursuant to Article 13 of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation), University of Warsaw hereby informs:

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2. Your personal data will be processed for the purpose of carrying out a recruitment process and selecting an employee and concluding a contract for employment at the University of Warsaw;
3. The provided data will be processed pursuant to Article 22¹ § 1 of the Act of 26 June 1974 Labor Code (uniformed text: Dz.U. of 2018, item 917) and your consent for processing of personal data;
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7. You have the right to access your personal data, to rectify, erase them, restrict their processing, object to processing, and to withdraw the consent at any time;
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I hereby consent to have my personal data processed by the University of Warsaw with its registered office at ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa for the purpose of carrying out a recruitment process and selecting an employee and concluding a contract for employment at the University of Warsaw.

I have been informed of my rights and duties. I understand that provision of my personal data is voluntary.

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(place and date)

.....
(signature of the person applying for employment)