



Job offer for graduate student

The Institute of Meteorology and Water Management - National Research Institute invites you to participate in the project of the National Science Center OPUS14 / 2017 "Turbulent flow analysis with the dispersion phase - the impact of two-sided coupling of momentum and gravity on particle motion statistics". The graduate's employment is planned for a period of 10 months on the terms of the mandate contract. The amount of remuneration will be PLN 2,000 gross per month.

Description of works

As part of the project, simulations of turbulent flows will be carried out using a massively parallelized numerical code. The master's tasks will include help in calculations on high-power computers, participation in the development of the algorithm and numerical procedures to better describe the physical phenomenon (interaction between phases, the effect of gravity, collisions of particles).

Requirements:

A candidate who can:

1. is a second-cycle student or a student of at least the fourth year of MA studies in technical fields (mathematics, physics, computer science and related fields),
2. has basic programming skills in a high-level language (Fortran or C); experience in parallel programming and conducting calculations on high power computers will be an advantage,
3. has basic knowledge in the field of numerical fluid mechanics,
4. speaks English and Polish,
5. declares willingness to prepare a master's thesis related to the subject of the project under the supervision of one of the team members.

Required documents:

1. Application addressed to the project manager: dr hab. Bogdan Rosa IMGW-PIB
2. CV with information on the current course of bachelor's and master's studies,
3. information on scientific achievements, publications, awards and internships,
4. Signed information clause regarding consent to the processing of personal data.

Documents should be sent as PDF files to bogdan.rosa@imgw.pl, with the candidate's name in the file name.

Deadline for sending documents: May 20, 2020.

Candidates will be notified individually by e-mail about the date of the possible interview as well as the final results of the recruitment.



Information clause - Klauzula informacyjna

Institute of Meteorology and Water Management – National Research Institute with its seat in Warsaw (01-673), ul. Podleśna 61, Poland is the administrator of personal data. Contact data to the Personal Data Protection Inspector: iodo@imgw.pl. Personal data are processed on the grounds of art. 6 paragraph 1 letter a and b of the 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). The data are not transferred to other recipients, an international organizations or third countries. The period of data storage is regulated by Office instruction of IMWN-NRI, which is based on the bill of 14th July 1983 on national archival resource and archives (Dz. U. z 2020 r. poz.164).

The data will be used solely in order to complete the recruitment process and sign a contract with the chosen candidate, but no longer than for three months from the date of sending the CV. With the consent of the candidates, within 1 year of the end of the recruitment process, personal data will be processed in subsequent recruitments conducted by the personal data administrator. The applicants have the right to access their own data, right to withdraw their consent at any time and to lodge a complaint to the President of the Personal Data Protection Office. Provision of personal data is voluntary, based on legal provisions. Failure to provide personal data will result in impossibility of a given application to be taken into account in the recruitment process. There is no automated decision-making nor profiling based on personal data.

Depending on your decision on the needs for which personal data will be processed, please select and include in the CV and application consent as follows:

- I agree to the processing of personal data contained in my application by IMGW-PIB with its registered office in Warsaw (postcode 01-673), ul. Podleśna 61 for the needs of the recruitment process.
- I agree to the processing of personal data contained in my application by IMGW-PIB with its registered office in Warsaw (postcode 01-673), ul. Podleśna 61 for the needs of future recruitment processes, including for other positions.

I hereby consent to the processing of my personal data in order to obtain data of the IMWN-NRI in accordance with art. 6 paragraph 1 letter a and b of the 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). I can withdraw my consent at any time by means of a declaration sent to the IMWN-NRI with its seat in Warsaw (01-673), ul. Podleśna 61, Poland.

All applications must contain the above specified consent in order to be processed. Lack of such consent will render any application null and void. The consent may be submitted in writing or as a form of a signed and scanned document at any of the addresses specified in the announcement.

(date and signature)

Kierownik projektu: dr hab. Bogdan Rosa (IMGW PIB)

Nr projektu: 2017/27/B/ST8/00555