Job Offer

Institution: Jagiellonian University in Kraków, Faculty of Physics, Astronomy and Applied Computer Science

Position Title: student – scholar (1 position)

Qualifications:

- bachelor's degree in astronomy or astrophysics
- excellent academic track record
- interest in the focus of the project and motivation to participate in the planned research (see below)
- proficiency in written and spoken English
- research experience in comet and asteroid science
- expertise in developing parallel computer codes for simulations and data modeling, or expertise in astronomical image processing and analysis (including photometry and astrometry)

Description of Duties:

Research in *Michał Drahus*'s group as co-investigator of an NCN-funded project *Spontaneous disruption of small Solar System bodies* (SONATA BIS 6 grant no. 2016/22/E/ST9/00109). A successful candidate will analyze images collected by the SWAN instrument on the SOHO spacecraft in search of interstellar objects 1I/'Oumuamua and 2I/Borisov, and interpret the results using a simple model. (Note that the original research plan of the project has been updated by PI to include research on interstellar objects.)

Application Deadline: 9 December 2022, 12:00 CET

Application Method: by email to michal.drahus@uj.edu.pl & drahus@oa.uj.edu.pl (send to both addresses)

Remuneration:

The new group member will receive a tax-free stipend of 3000 PLN per month over 6 months. The stipend will be paid from the project budget and can be combined with other sources of income in accordance with the *NCN rules* (in Polish). In particular, it can be received jointly with a university-funded scholarship, unless separate rules state otherwise. The Faculty of Physics, Astronomy and Applied Computer Science of the Jagiellonian University in Kraków imposes no restrictions in this regard.

Additional Information:

The successful candidate will be expected to begin work no later than 1 March 2023. All the required qualifications need to be met before the position begins. In addition to the criteria listed under "Qualifications", the successful applicant must be enrolled in a graduate program (second-cycle master's studies or at least 4th year of long-cycle master's studies) on the position starting date.

An application for the stipend should include the following:

- information on research achievements of the applicant, including publications in reputable journals or with reputable publishers,
- information on awards for research, stipends, prizes and research stays, workshops and research training, participation in projects,
- additional information with which to assess whether the applicant meets (or will meet) the aforementioned qualifications,
- a signed "*Information on data processing*" document, attached at the end of this offer.

Applications will be evaluated by a three-person selection committee in accordance with the NCN rules published in *Regulamin przyznawania stypendiów naukowych* (in Polish). The selection results will be announced on 9 December 2022 and the applicants will be informed of the results by email.

The participating student will have a natural opportunity to prepare her/his master's thesis based on her/his research as part of this project. Unrestricted access to the group's computing resources as well as travel funds related to this project will be provided.

Requests for additional information on this offer may be sent to project PI at drahus@oa.uj.edu.pl or michal.drahus@uj.edu.pl.

INFORMATION ON DATA PROCESSING

- in the competitive procedure and the agreement for the implementation of research and funding of a scholarship awarded by the National Science Centre -

According to the Art. 13 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 (…) (General Data Protection Regulation, hereinafter referred to as "GDPR") Jagiellonian University informs that:

1. The controller of your personal data is Jagiellonian University, Gołębia 24 Str., 31-007 Kraków, represented by the JU Rector.
2. The controller's representative designed for this purpose is the Data Protection Inspector, Gołębia 24 Str., 31-007 Kraków, office 31. You may contact him through his e-mail: iod@uj.edu.pl, or by phone: 12 663 1225.
3. Your personal data will be processed according to the Art. 6.1. b) in order to carry out the necessary procedures for the scholarship competitions, the award of scholarships in research projects funded by the National Science Centre, and in the case of election of a Scholarship Holder in connection with the conclusion of an agreement for the scholarship payment and activities related to the collection of scientific scholarship according to the Regulations for granting scientific scholarships in the scientific projects funded by the National Science Centre, the project grant agreement "Spontaneous disruption of small Solar System bodies" (hereinafter referred to as the "Project"), under which is the competition for the position of Scholarship Holder.
4. Providing personal data is voluntary, but necessary to participate in the recruitment procedure, and in case of being accepted – is a condition for signing a project financing agreement and implementation of an agreement for the scholarship payment.
5. The recipients of your personal data will be: the National Science Centre based in Kraków, institutions evaluating or controlling the correct implementation of the project within which the agreement was concluded, auditors acting in accordance with the law or on behalf of Jagiellonian University, institutions such as the Supreme Audit Office, the competent tax office and the Social Insurance Institution, other entities authorized to obtain data on the basis of the law and the grant agreement concluded with the National Science Centre.
6. Your personal data will not be transferred to third countries (outside the European Economic Area) or to international organizations. If, however, your data in the recruitment process is transferred to the Jagiellonian University in an electronic version, they can be processed in the Office 365 OneDrive cloud based on the entrustment agreement between the Jagiellonian University and Microsoft and on the basis of a document called the "Privacy Shield" implemented by Microsoft.
7. Your personal data will be processed for the period: until the completion of the project and settlement of the project financing agreement concluded with the National Science Centre, and then until the expiry of the period of prescription under the grant agreement; for archiving purposes – for a period of time prescribed by law.
8. You have the right to: obtain information about the processing of personal data and rights granted in accordance with the GDPR, access to your data and its rectification, as well as the right to delete personal data from the administrator's bases (unless further processing is necessary for the implementation of legal obligation or to establish, investigate or defend claims), and the right to

limit the processing, data transfer, objecting to the processing – in the cases and on the conditions specified in the GDPR.

9. Your personal data will not be subject to automatic decision making or profiling.
10. You have the right to complain to the President of the Office for Personal Data Protection in the event of recognition that the processing of your personal data violates the provisions of the GDPR.

I confirm that I have read and accept the information above.

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place, date, signature