Narodowe Centrum Badań Jądrowych
National Centre for Nuclear Research
ŚWIERK

INSTITUTION: National Centre For Nuclear Research (NCBJ)

CITY: Warsaw

POSITION: **Postdoc – Smashing galaxies into dust**

DISCIPLINE: astronomy, physics

POSTED: 19.07.2024

EXPIRES: 10.09.2024

WEBSITE: https://www.ncbj.gov.pl/en/praca/postdoc-bp4-0

KEY WORDS: Astronomy, Astrophysics, Galaxies, Galaxy evolution, Machine learning, Galaxy morphology

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The National Centre for Nuclear Research opens the competition for the position of

Postdoc

Localization: Pasteura 7, 02-093 Warsaw

The Astrophysics Division of the NCBJ's Department of Fundamental Research is dedicated to research in astrophysics and astronomy, mainly their observational aspects. The Department employs 19 staff members, including eight foreigners, at the rank of Assistant Professor and above. 9 PhD students from the Department of Astrophysics are being trained at the Doctoral School of the NCBJ and IChTJ. The Department of Astrophysics offers an active research environment of the highest international standards.

Link to the Astrophysics Department website: https://www.ncbj.gov.pl/en/astrophysics-division

The employment is financed by NCN project SONATA 19 No UMO-2023/51/D/ST9/00147 - "Smashing galaxies into dust".

Description of tasks:

- Identifying pre- and post-merger galaxies.
- Studying the relation between pre- and post-mergers and dust content.
- Studying the relation between pre- and post-mergers and dust attenuation.

Requirements for the candidate:

- PhD in astrophysics, astronomy, physics, or a related field (candidate should be awarded a PhD degree within 7 years before joining the project)
- Experience in conducting research work in astrophysics, documented by publications.
- Fluency in spoken and written English.

Additional assets:

- Familiarity with machine learning techniques.

We offer:

- Employment in one of the largest research Institute in Poland
- Good learning environment. Support of an experienced team
- Excellence with full research autonomy and being part of a diverse and supportive team of professionals
- External and internal trainings in hard and soft skills as well as participation in conferences
- Personal and professional development with diverse range of tasks and challenges
- Funding for external and internal trainings
- Working with cutting edge technology at one of the largest supercomputer centers in Poland.

Required documents:

- Curriculum Vitae
- Full publication list
- A research statement
- A scan/ copy of degree diploma
- A brief description of important scientific achievements and scientific outlook (max. 2 pp)
- A cover letter that explains the motivating factors for considering the position (max. 1 pp)
- 2 letters of recommendation - arranged by applicants and directly submitted by the letter writers before the application deadline.

Contact: Dr. William Pearson E-mail: William.Pearson@ncbj.gov.pl

Applications in electronic form should be submitted in English to: Dorota.Dobrowolska@ncbj.gov.pl - The subject of application e-mails should be "adiunkt SONATA" and the name and surname of the applicant. The subject of e-mails with letters of recommendation should be "adiunkt SONATA" and the name and surname of the applicant (the same name and surname used in the application email).

Starting date of the contract: 01|10|2024

Additional comments:

Submitted documents will not be returned. We will contact selected candidates.

As an attachment to your application please sign and enclose the following declarations:

I agree for my personal data included in the application documents to be processed by National Centre for Nuclear Research with its registered office in Otwock, 7 Andrzej Sołtan Street, 05-420 Otwock, for a period of 12 months from their submission, in order to carry out future recruitment processes.

Information in accordance with Article 13 RODO on the processing of personal data:

1. The Personal Data Controller of your personal data is the National Centre for Nuclear Research (hereinafter referred to as Controller or NCBJ) with its registered office in Otwock, 7 Andrzej Sołtan Street, 05-400 Otwock.
2. Your personal data will be processed for recruitment purposes on the basis of applicable law, including the Labour Code. Data not required by law, provided by you in your documents, will be processed on the basis of your consent. Your consent is given by the transfer of this data.
3. The full content of the information clause of Article 13 RODO is available at https://www.ncbj.gov.pl/en/information-clause-personal-data-processing

HR EXCELLENCE IN RESEARCH

The National Centre for Nuclear Research is awarded by "HR Excellence in Research". Recruitment is based on OTM-R system (Open, Transparent and Merit-based recruitment practices in Research Performing Organisations).