HR EXCELLENCE IN RESEARCH

ADAM MICKIEWICZ UNIVERSITY, POZNAN

ANNOUNCES

A COMPETITION

for the position of postdoctoral researcher
at the Faculty of Physics
in the project "Three-dimensional nucleon structure from Lattice QCD"

Number UMO- 2021/43/B/ST2/00497

Basic information

1. **Research discipline (research field):**
   Physical Sciences

2. **Number of work hours per week including a task-based work schedule (if applicable):**
   Full-time

3. **Type of an employment contract and expected duration of employment, i.e.: permanent/temporary/fixed-term contract for ..... year/...years**
   Contract of employment, fixed term 12 months, extensible by additional 12 months upon agreement

4. **Anticipated job starting date:**
   Negotiable, not later than October 2024

5. **Workplace location:**
   Faculty of Physics, ul. Uniwersytetu Poznańskiego 2, Poznań

6. **Monthly salary:**
   around 8500 PLN (gross)

7. **Application deadline and process:**
   No final deadline. The review of applications will begin 14 days after competition announcement and will continue until a suitable candidate is found.

8. Required documents

- Application form/letter of the candidate;
- *Curriculum Vitae;*
- Diplomas or certificates issued by colleges and universities attesting to education and degrees or titles held (in case of academic degrees obtained abroad - the documents must meet the equivalence criteria set out in Article 328 of the Act of 20 July 2018 Law on Higher Education and Science (Journal of Laws of 2023, item 742 ; Polish: Dziennik Ustaw 2023 poz. 742 t.j.);
- Information on the Applicant's research, teaching and organizational achievements,
- A short justification of the motivation to join the project, together with addressing the project requirements
- Description of prior and current/future research interests
- At least 2 letters of recommendation, can be sent separately by the recommending persons

- Consent to the processing of personal data as follows : *In accordance with Article 6 (1) (a) of the General Data Protection Regulation of 27 April 2016. (OJ EU L 119/1 of 4 May 2016) I consent to the processing of personal data other than: first name, (first names) and surname; parents' first names; date of birth; place of residence (mailing address); education; previous employment history, included in my job offer for the purpose of the current recruitment.";*

Conditions of the competition determined by the competition committee

I) Determination of qualifications: (researcher profile) according to the Euraxess guidelines

- ☐ **(R1) First Stage Researcher** (up to the point of PhD)
- ☐ **(R2) Recognised Researcher** (PhD holders or equivalent who are not yet fully independent)
- ☐ **(R3) Established Researcher** (researchers who have developed a level of independence)
- ☐ **(R4) Leading Researcher** (researchers leading their research area or field)

II) Job Offer description

The focus of the position is to develop a framework for simultaneous analysis of lattice and experimental data to extract generalized parton distributions (GPDs), using machine learning techniques. The position is offered in the framework of the National Science Centre OPUS grant "Three-dimensional nucleon structure from Lattice QCD".

III) Requirments and qualifications

The competition is open to individuals who meet the requirements specified in Article 113 of the Law on Higher Education and Science of 20 July 2018 (Journal of Laws of 2023, item 742, Article 113 as amended) and who meet the following requirements:

1. Some experience in hadron structure physics (significant experience will be a major advantage).
2. Reasonable fluency in numerical analysis of phenomenological/lattice data.
3. Motivation to learn and develop new methods and concepts.
4. Good collaborative skills in physics projects.
5. Ph.D. degree obtained before job start.

IV) Required languages

English (fluent)

V) Required research, teaching or mixed experience

Some experience in hadron structure physics (significant experience will be a major advantage).

VI) Benefits

- ✓ an atmosphere of respect and cooperation
- ✓ supporting employees with disabilities
- ✓ flexible working hours
- ✓ funding for language learning
- ✓ co-financing of training and courses
- ✓ additional days off for education
- ✓ life insurance
- ✓ pension plan
- ✓ savings and investment fund
- ✓ preferential loans
- ✓ additional social benefits
- ✓ leisure-time funding
- ✓ subsidizing children's vacations
- ✓ "13th" salary

VII) Eligibility criteria

1. Level of experience in hadron structure physics
2. Level of experience in other high energy physics topics
3. Prior achievements in scientific work

VIII) The selection process

1. Competition committee begins working no later than 14 days after the deadline for submission of documents.
2. Formal evaluation of submitted proposals.
3. Call to provide additional or missing documents if necessary.
4. Selection of candidates for the interview stage.
5. Interviews for candidates who meet the formal requirements.
6. The chair of the competition committee announces the results and informs the candidates. This information will include justification with a reference to candidates' strengths and weaknesses. Submitted documents will be sent back to candidates.

IX) Prospects for professional development

The work in the project opens avenues for further advanced work concerning subjects crucial for key experiments of high energy physics, particularly related to the constructed Electron-Ion Collider (Brookhaven, USA)

RODO Information Clause :

Pursuant to Article 13 of the General Data Protection Regulation of 27 April 2016. (Official Journal of the EU L 119 of 04.05.2016) we inform that:

1. The controller of your personal data is Adam Mickiewicz University, Poznań with the official seat: ul. Henryka Wieniawskiego 1, 61 - 712 Poznań.
2. The personal data controller has appointed a Data Protection Officer overseeing the correctness of the processing of personal data, who can be contacted via e-mail: iod@amu.edu.pl.
3. The purpose of processing your personal data is to carry out the recruitment process for the indicated job position.
4. The legal basis for the processing of your personal data is Article 6(1)(a) of the General Data Protection Regulation of 27 April 2016 and the Labour Code of 26 June 1974. (Journal of Laws of 1998 N21, item 94 as amended).
5. Your personal data will be stored for a period of 6 months from the end of the recruitment process.
6. Your personal data will not be made available to other entities, with the exception of entities authorized by law. Access to your data will be given to persons authorized by the Controller to process them in the performance of their duties.
7. You have the right to access your data and, subject to the law, the right to rectification, erasure, restriction of processing, the right to data portability, the right to object to processing, the right to withdraw consent at any time.
8. You have the right to lodge a complaint to the supervisory authority - the Chairman of the Office for Personal Data Protection, ul.Stawki 2, 00 - 193 Warsaw.
9. Providing personal data is mandatory under the law, otherwise it is voluntary.
10. Your personal data will not be processed by automated means and will not be subject to profiling.