FORM FOR EMPLOYERS

INSTITUTION	**UNIVERSITY OF WARSAW, FACULTY OF PHYSICS**
CITY	**WARSAW, POLAND**
POSITION	**Assistant professor (Postdoctoral scholar)**
GROUP	**Research**
DISCIPLINE	**Physical sciences**
NUMBER OF POSITIONS	**1**
POSTED	**07.02.2024**
EXPIRES	**08.03.2024**
WEBSITE	http://www.fuw.edu.pl
KEY WORDS	**Theoretical physics, Quantum Complexity, Quantum Information in Quantum Field Theories, AdS/CFT.**

DESCRIPTION:

A full-time postdoctoral position (36 months) is available in the ERC Consolidator project: „Quantum Complexity from Quantum Field Theories to Quantum Gravity". The project is focused on quantum complexity in quantum field theories and quantum gravity.

A successful candidate is expected to conduct research on quantum complexity in quantum field theories, including time-dependent and open systems, thermalisation and quantum scars and Krylov basis approaches to complexity.

All inquiries regarding this position should be sent to Pawel Caputa (pawel.caputa [at] fuw.edu.pl).

The candidates have to conform to the conditions stated in art. 113 of Higher Education Law dated 20.07.2018 (Journal of Laws of the Republic of Poland 2023, item 742 with subsequent amendments).

The requirements:

The candidate should hold the PhD degree in Theoretical Physics or related field, preferably not longer than 7 years. The experience with strong record of publications and international experience in one of the following topics is required: Quantum Information in Quantum Many-body and Quantum Field Theories, Quantum Complexity, The AdS/CFT Correspondence, Quantum Gravity.

Key responsibilities:

Depending on her/his experience, the postdoc will carry the research on objectives of the project such as defining quantum complexity measures in quantum field theories and understanding their properties in time-dependent and open systems as well as understanding thermalization and quantum scars from the perspective of quantum complexity. Moreover, the postdoc will have an opportunity to co-mentor one PhD student.

Employment details:

Place of employment: Faculty of Physics, University of Warsaw

Employment period: 36 months (three years)

Employment scope: 1 full position

The candidate should provide the following documents:

1. Application for the position - *the pdf-format with a scanned signature.*
2. Information on the processing of personal data - information clause and consent clause - attachment to the announcement (available on the website https://bsp.adm.uw.edu.pl/wp-content/uploads/sites/18/2021/01/Klauzula-informacyjna-przy-rekrutacji-do-pracy_11_2019_EN.docx - *the pdf-format with a scanned signature.*
3. Statement on reading and accepting the rules for job applications for a position of an academic teacher at the University of Warsaw (available on the website https://www.fuw.edu.pl/dokumenty-i-formularze.html) - *the pdf-format with a scanned signature.*
4. CV including the list of publications.
5. Research statement.
6. A PhD diploma (a formal confirmation of PhD degree or expected date of graduation).
7. 3 letters of recommendation (sent directly to pawel.caputa [at] fuw.edu.pl).

A successful candidate should submit originals of application documents.

The documents should be sent by e-mail to pawel.caputa [at] fuw.edu.pl by the deadline of 08.03.2024.

The entire procedure will be concluded before 22.03.2024. The candidate might be asked for an interview with the commission appointed by the Dean of the Faculty.

All candidates will be informed individually (by e-mail) about the results of their application.

This announcement is the first step in the procedure of employing an academic teacher and its positive result will be a base for consecutive steps.

Information on personal data processing

Controller

Controller of your personal data processed in connection with the recruitment process is the University of Warsaw, ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa, as the Employer.

Contact with the controller:
- by traditional mail at: University of Warsaw, ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa (name the organizational unit to which your letter is addressed);
- by phone: 22 55 20 355.

Data Protection Officer (DPO)

Controller has designated Data Protection Officer whom you may contact via email at iod@adm.uw.edu.pl. You may contact the DPO in all matters relating to your personal data processing by the University of Warsaw and the exercise of rights in relation to the processing of personal data.

The DPO, however, does not proceed other matters, like handling recruitment procedures, collecting recruitment documents, providing information on current recruitment process.

Purpose and legal grounds of data processing

Personal data of candidates for employment shall be processed for recruitment purposes only.

Your personal data shall be processed in the scope as indicated by employment law[1] *(given name (names) and family name, date of birth, contact information as provided, education, professional qualifications, previous employment)* for the purposes of this recruitment process[2], whereas other data[3] shall be processed based on your consent which may take the following wording:

> *I agree to the processing of personal data provided in .... (e.g. CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.*

If your documents include data as mentioned in Art. 9 section 1 of the GDPR (special categories of personal data), processing shall be possible upon your consent to processing such data[4] which may take the following wording:

> *I agree to the processing of special categories of personal data, as mentioned in Art. 9 section 1 of the GDPR, provided in .... (e.g. CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.*

The University of Warsaw shall be also processing your personal data in future recruitment processes upon your consent[5] which may take the following wording:

> *I consent to processing of my personal data for the purposes of any future recruitment processes*

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[1] Art. 22¹ of the law of June 26, 1974 Labour Code (i.e. Journal of Laws 2019 item 1040 with subsequent changes);

[2] Art. 6 section 1 letter b of the Regulation of the European Parliament and the Council (EU) 2016/679 of April 27, 2016 on protection of individual persons with regard to the personal data processing and on the free flow of such data, and also repealing Directive 95/46/EC (general regulation on data protection) (Official Journal EU L 119 of 04.05.2016, page 1, with subsequent changes) (hereinafter as the GDPR);

[3] Art. 6 section 1 letter a of the GDPR;

[4] Art. 9 section 2 letter a GDPR;

[5] Art. 6 section 1 letter a GDPR;

at the University of Warsaw for the period of the next nine months.

You may revoke all such consents at any time by, for example, sending an email at pawel.caputa [at] fuw.edu.pl

Be advised that the revocation of your consent does not affect legal compliance of processing which had been completed upon consent before its revocation.[6]

Data retention period

Your personal data collected in this recruitment process shall be stored over the period of three months from the date the recruitment process is completed.

In case you agree to process your data in future recruitments, your data shall be used over the period of nine months.

Data recipients

Officers authorized by the Controller shall have access to your personal data, the processing of which is in the scope of their duties.

Recipients of personal data may be other subjects obligated by the Controller to provide specific services involving data processing, like members of the competition committee.
 (name all recipients of data)

Data transfer outside the European Economic Area (EEA)

Your personal data shall be disclosed to subjects authorized by law. Signing-in is through Google Forms. Your personal data may be also processed by our provider of G-Suit for education by Google Company in their data processing centres.[7] Your data shall be protected under the standards of the Privacy Shield, accepted by the European Commission.[8] This shall guarantee an adequate level of data security.

Rights of the data subject

Under the GDPR data subjects have the following rights:
- *to access data and to receive copies of the actual data;*
- *to* correct (rectify) your personal data;
- to restrict processing of personal data;
- to erase personal data, subject to provisions of Art. 17 section 3 of the GDPR;
- to file a claim with the President of the Personal Data Protection Office, if you believe data processing violates law.

Information on the requirement to provide data

Providing your personal data in the scope resulting from law is necessary to participate in the recruitment process. Providing other personal data is voluntary.

....
    place and date

…...................................
    applicant's signature

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[6] Art. 7 section 3 GDPR;
[7] https://www.google.com/about/datacenters/inside/locations/index.html
[8] https://www.privacyshield.gov