



HR EXCELLENCE IN RESEARCH

FORM FOR EMPLOYERS

INSTITUTION	UNIVERSITY OF WARSAW, FACULTY OF PHYSICS
CITY	WARSAW, POLAND
POSITION	Assistant professor (adiunkt badawczy) – Postdoctoral scholar
GROUP	Research
DISCIPLINE	Physical sciences (nauki fizyczne)
NUMBER OF POSITIONS	1
POSTED	2.11.2020
EXPIRES	13.12.2020
WEBSITE	http://www.fuw.edu.pl
KEY WORDS	Theoretical physics, AdS/CFT, Quantum Information

DESCRIPTION:

A full-time **postdoctoral position (24 months)** is available in the project NCN Sonata-Bis 9: “**Quantum Information in Quantum Field Theories and Holography: Dynamics and Complexity**”. The project is focused on exploring the AdS/CFT correspondence from the perspective of quantum information and quantum computation in quantum field theories. A successful candidate is expected to conduct research on dynamics of entanglement and complexity in quantum field theories and AdS/CFT.

All inquiries in regard to this position should be sent to Pawel Caputa (pcaputa [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 2018, item 1668 with further amendments).

The requirements:

The candidate should hold the PhD degree (or obtain PhD degree before starting the position) in Theoretical Physics or related field, preferably not longer than 4 years. Strong record of publications and international

research experience in one of the following topics is required: Quantum Information in Quantum Field Theory, Holography and AdS/CFT, Circuit Complexity, Dynamics of entanglement in AdS/CFT, Tensor Networks.

The candidate must meet the conditions set by the National Science Center for people employed in a post-doc position. In particular, the person employed for this position must have a doctoral degree obtained no earlier than 7 years before the year of employment in the project. This period does not include breaks related to maternity leave, additional maternity leave, leave on the conditions of maternity leave, additional leave on the conditions of maternity leave, paternity leave, or parental leave granted on the terms specified in the provisions of the Labor Code or the receipt of sickness allowance or rehabilitation benefits in connection with incapacity for work, including those caused by diseases requiring medical rehabilitation. For women, the indicated 7-year period may be extended by 18 months for each child born or adopted. A woman can choose a more favorable way to indicate breaks in her scientific career.

The employment will take place in accordance with the NCN regulations, in particular the employed person must meet the following conditions jointly:

- during the download period of these reports, no other funds will be collected from the funds allocated as part of the costs of using financing projects financed in NCN competitions;
- the project manager was not a supervisor/auxiliary supervisor in his/her doctoral dissertation;
- during the period of receiving this remuneration, she will not be employed by another employer on the basis of an employment contract, including an employer based outside of Poland.
- over the last two years preceding employment in the project they were not employed, pursuant to an employment contract, at the entity acting as the host institution for the research project.
- will be employed for at least 6 months.

Additional details and exceptions are found in the Sonata Bis 9 call:

(https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2019/uchwala60_2019-zal2_koszty_ang.pdf).

Please send any queries to Pawel Caputa (pcaputa [at] fuw.edu.pl).

Key responsibilities:

Depending on her/his experience, the postdoc will carry the research on objectives of the project such as dynamics of quantum information and entanglement geometry in quantum field theories and holography. Moreover, the candidate will have the opportunity to co-mentor one PhD student.

Conditions of employment:

Place of employment: Faculty of Physics, University of Warsaw

Employment period: 24 months (two years)

Employment scope: 1 full position

Salary: 120,000 PLN/year of full remuneration cost including the employer's costs.

The candidate should provide the following documents:

All the documents required for the Joint Postdoc Application:

<https://itf.fys.kuleuven.be/postdoc-application/>

and select Warsaw as their preferred choice.

In addition, later upon request, candidates will be required to send:

1. Application for the position.

2. Information on the processing of personal data - information clause and consent clause - attachment to the announcement (available on the website <http://bsp.adm.uw.edu.pl/bsp/druki-i-formularze/>).
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>).
4. A PhD diploma (a formal confirmation of PhD degree or expected date of graduation).

(For documents 1-4 please use the pdf-format and files 1-3 should contain a scanned signature.)

A successful candidate should submit originals of application documents.

The candidate should apply for the position via the Joint Postdoc Application system: <https://itf.fys.kuleuven.be/postdoc-application/> and send the documents by the deadline of 30.11.2020 as well as select Warsaw as their preferred choice.

The entire procedure will be concluded not earlier than 07.01.2021.

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.

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given and family name

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 law¹ (*given name (names) and family name, date of birth, contact information as provided, education, professional qualifications, previous employment*) for the purposes of this recruitment process², whereas other data³ 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 data⁴ 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 consent⁵ which may take the following wording:

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;

I consent to processing of my personal data for the purposes of any future recruitment processes 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 (email address due for the recruitment process).

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

.....
(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

⁶ Art. 7 section 3 GDPR;

⁷ <https://www.google.com/about/datacenters/inside/locations/index.html>

⁸ <https://www.privacyshield.gov>