

Jagiellonian University in Kraków promotes cooperation and cares for a good atmosphere based on mutual trust. It implements the strategy resulting from The Human Resources Strategy for Researchers, creating stable conditions for employment as well as the development of academic career, which resulted in the award of the HR Excellence in Research by the European Commission

INFORMATION ON SELECTION PROCEDURE

Date of selection procedure announcement Krakow, 18.11.2022

Selection procedure information number given by the Centre for Human Resources 1227.1101.331.2022

Dean of the faculty Prof. dr hab. Ewa Gudowska-Nowak
Dean of the Faculty of Physics, Astronomy and Applied
Computer Science

Address Łojasiewicza 11,30-348 Kraków

RECTOR

of the Jagiellonian University

announces a selection procedure for the position of an

ASSISTANT PROFESSOR

Group of employees	Research staff
JU organisational unit (place of work performance)	Institute of Theoretical Physics of the Faculty of Physics, Astronomy and Applied Computer Science
Field of science	Physics
Discipline	Theoretical Physics
Scope	-
Number of posts	1
Type of employment	Employment contract
Working time	Full-time

Planned duration of employment	Three years
Expected date of employment commencement	3rd quarter of 2023
Remuneration	according to the Rules for Remunerating Jagiellonian University Employees
Requirements	<p>The selection procedure is open for all individuals, who meet the requirements set out in Articles 113 and 116.2.3) of the Act of 20 July 2018 – Law on Higher Education and Science, and who meet the following eligibility criteria according to § 165 of the Statute of the Jagiellonian University:</p> <ul style="list-style-type: none"> • holding at least a doctoral degree; • having relevant scientific achievements; • taking active part in scientific life.
Additional requirements and expectations	<p>Knowledge in:</p> <ul style="list-style-type: none"> – Quantum-information aspects of holography, such as entanglement entropy and complexity measures; – Applications of AdS/CFT to condensed matter theory and quantum field theory; – Fundamental aspects of the holographic principle; – Numerical techniques used in holography (e.g., numerical solution of partial differential equations).
Project Title	“Holographic connections between quantum fields, information and gravity”
Project description	The project aims to investigate the AdS/CFT correspondence and the holographic principle. Particular focuses will be quantum information aspects of holography, such as entanglement entropy and measures of complexity, and applications of AdS/CFT methods to quantum field theory and condensed matter physics.
Scope of duties	<p>according to the Work Regulations of the Jagiellonian University Annex 1 to the Work Regulations of the Jagiellonian University – Model scopes of responsibilities and duties of academic teachers</p> <p>Research and computations mainly for research tasks in AdS/CFT and holography. Cooperation with PhD students. Dissemination of the results in international peer reviewed journals and conference or seminar talks.</p>
We offer	<ul style="list-style-type: none"> • stable employment based on an employment contract at the renowned university, • cooperation with the interdisciplinary academic community represented by well-known scientists, • scientific support as well as the possibility of qualifications improvement and professional development, • access to research infrastructure, • benefits in the form of i.a. Multisport card, sports activities, medical packages, group insurance, • additional social benefits.
Required application documents	<ol style="list-style-type: none"> 1. resume, 2. personal questionnaire filled in by the candidate, 3. copy of the doctoral diploma or a diploma confirming the candidate’s habilitation degree, if applicable, 4. information on the candidate’s scientific, teaching and organisational achievements, 5. declaration of the candidate, confirming that the Jagiellonian University will be their primary place of work, should they be selected in the selection procedure, 6. statement under Article 113 of the Law on higher education and science, 7. statement on acknowledging and accepting the rules and regulations concerning intellectual property management and

	commercialisation in force at the Jagiellonian University. Declaration forms (no. 5-7) and personal questionnaire template (no. 2) can be obtained at: 1. https://cso.uj.edu.pl/en_GB/konkursy
Additional application documents	<ol style="list-style-type: none"> 1. list of publications (along with the respective publishing houses and the number of pages), if applicable, 2. doctoral dissertation or habilitation dissertation review, if applicable, 3. recommendation concerning the candidate's predisposition of research and teaching work, including the results of student surveys and evaluations, if the candidate was subject to such evaluation, 4. research proposal (5 pages max), 5. three recommendation letters sent separately about the predisposition and qualifications of the candidate for scientific work, 6. information regarding processing of personal data;
The course of selection procedure	The first stage of the selection procedure is the formal assessment of the submitted documents. Applications which meet all formal requirements are the subject of substantive assessment, during which an interview with the Candidate may be conducted (directly or via electronic communication channels), upon settling the date of the interview with the Candidate. The Candidate has the right to appeal against the negative assessment by the selection board within 7 days from receiving the information about the results of the assessment.
Form of submission	by e-mail to the address: mflory@th.if.uj.edu.pl title: Postdoc 2023
Deadline for submission of applications	18.12.2022
Expected date of the selection procedure settlement	01.03.2023
Method of communicating of the results of the selection procedure	by e-mail
Questions	For further information please contact Mario Flory, e-mail address: mflory@th.if.uj.edu.pl

In the selection procedure, the Jagiellonian University follows the principles of the European Charter for Researchers and a Code of Conduct for the Recruitment of Researchers. Jagiellonian University does not provide housing.

On behalf of
the Rector of the Jagiellonian University

Dean of the Faculty of Physics, Astronomy and Applied
Computer Science
Prof. dr hab. Ewa Gudowska-Nowak

Personal data processing information for job applicants

According to Article 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 and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation – hereinafter GDPR), the Jagiellonian University informs that:

1. The Administrator of your personal data is the Jagiellonian University with its registered office in Gołębia 24, 31-007 Kraków, respresented by the Rector of UJ.
1. The Jagiellonian University appointed the Data Protection Officer www.iod.uj.edu.pl, Gołębia 24, 30-007 Kraków. The Officer can be contacted by email: iod@uj.edu.pl or at the telephone number 12 663 12 25.
2. Your personal data will be processed in order to:
 - a. conduct recruitment process for the position specified in the advertisement for the post of an ASSISTANT PROFESSOR in the research staff member group at the Institute of Applied Computer Science of the Faculty of Physics, Astronomy and Applied Computer Science academic field Theoretical Physics as part of the project implementation “Holographic connections between quantum fields, information and gravity” – as part of the legal obligation of the Administrator pursuant to Art. 6 (1) lit c of the GDPR in connection with the Polish Labour Code;
 - b. conduct recruitment process for the position specified in the advertisement for the post of an ASSISTANT PROFESSOR in the research staff member group at the Institute of Applied Computer Science of the Faculty of Physics, Astronomy and Applied Computer Science academic field Theoretical Physics as part of the project implementation “Holographic connections between quantum fields, information and gravity” based on your consent pursuant to Art. 6 (1) lit a of the GDPR – your consent is granted by the clear action of submitting your CV with the Administrator. The consent to the processing of personal data concerns data that you voluntarily provide as part of your CV, which do not result from Polish Labour Code.
3. The obligation to provide your personal data results from the law (it applies to personal data processed under Article 6 (1) lit c of the GDPR). Failure to provide your personal data will result in your inability to take part in the recruitment process. Submission of personal data processed on the basis of consent (Article 6 (1) lit a of the GDPR) is voluntary.
4. Your data will be processed during the recruitment period. In the event of not concluding the contract with you, your data will be deleted after the recruitment process.
5. You have the right of access to the content of your personal data, as well as the right to correct, delete, restrict processing, transfer, object to processing – on the terms and conditions set out in the GDPR.
6. If the processing is based on consent, you have the right to withdraw the consent at any time, which shall not affect the lawfulness of processing based on the consent given before the withdrawal. Withdrawal of consent to the processing of personal data can be sent by e-mail to: mflory@th.if.uj.edu.pl or by post to the following address: Wydział Fizyki, Astronomii i Informatyki Stosowanej, Instytut Informatyki Stosowanej UJ, ul. prof. Stanisława Łojasiewicza 11, 30-348 Kraków, or you can withdraw your consent in person at Wydział Fizyki, Astronomii i Informatyki Stosowanej, Instytut Informatyki Stosowanej UJ, ul. prof. Stanisława Łojasiewicza 11, 30-348
7. Your personal data will not be subject to automated decision making or profiling.
8. You have the right to lodge a complaint with the Inspector General for the Protection of Personal Data, if you feel that the processing of your personal data violates the GDPR regulations.