## INFORMATION ON SELECTION PROCEDURE

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| **Date of selection procedure announcement** | **Krakow, 03.04.2024** |
| **Selection procedure information number given by the Centre for Human Resources** | 1227.1101.104.2024 |
| **Dean of the faculty** | Prof. dr hab. Ewa Gudowska-Nowak<br>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

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| **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** | Natural sciences |
| **Discipline** | Physical sciences |
| **Scope** | Physic |
| **Number of posts** | 1 |
| **Type of employment** | Employment contract |
| **Working time** | Full-time |
| **Planned duration of employment** | two years |
| **Expected date of employment commencement** | 1.10.2024 |

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| **Remuneration** | according to the [Rules for Remunerating Jagiellonian University Employees](#) |
| **Requirements** | The competitive selection process 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:<br>• holding at least a doctoral degree;<br>• having relevant scientific achievements;<br>• taking active part in scientific life. |
| **Additional requirements and expectations** | • did not receive a doctoral degree from Jagiellonian University<br>• possess basic knowledge of the phenomenology of small-x physics and perturbative and non-perturbative hadron structure, very good communicational skills (good level of written and spoken English), very good programming skills (C/C++, bash scripting, Mathematica/Octave), good knowledge of principles of Quantum Field Theory, experience in Monte Carlo simulations, familiarity with parallel and multithreaded programming, basics of GPGPU programming. |
| **Project Title** | "Hadron tomography in existing and planned high-energy physics experiments" |
| **Project description** | The aim of the proposed project is to develop a framework suitable for solving the JIMWLK small-x evolution equation enhanced by the kinematical constraint and to confront the resulting parton distributions with experimental results. |
| **Scope of duties** | 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<br><br>The selected candidate will advance research tasks by independent or complementary execution of research steps. The candidate will use his physical insight for the description of high-energy scattering processes on protons and heavy nuclei in terms of parton distribution functions to develop the necessary observables for the JIMWLK framework. The candidate will perform analytic calculations, work with experimental data, program, test, document computer code needed for the simulations, perform simulations, run tasks on supercomputers, help in supervising PhD students, prepare summary reports and presentations, present results at international conferences and workshops, take active part in research visits. |
| **We offer** | • stable employment based on an employment contract at the renowned university,<br>• cooperation with the interdisciplinary academic community represented by well-known scientists,<br>• scientific support as well as the possibility of qualifications improvement and professional development,<br>• access to research infrastructure,<br>• benefits in the form of i.a. Multisport card, sports activities, medical packages, group insurance,<br>• additional social benefits. |
| **Formal required application documents** | 1. personal questionnaire filled in by the candidate,<br>2. copy of the doctoral diploma or a diploma confirming the candidate's habilitation degree, if applicable,<br>3. information on the candidate's scientific, teaching and organizational achievements,<br>4. declaration of the candidate, confirming that the Jagiellonian University will be their primary place of work, should they be selected in the selection procedure,<br>5. statement under Article 113 of the Law on higher education and |

|  | science, |
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|  | 6. statement on acknowledging and accepting the rules and regulations concerning intellectual property management and commercialisation in force at the Jagiellonian University. |
|  | 7. information regarding processing of personal data; |
|  | **Declaration forms (no. 5-7) and personal questionnaire template (no. 2) can be obtained at:** |
|  | https://cso.uj.edu.pl/en_GB/konkursy |
| ***Scientific application documents*** | 1. *scienfitic resume and statement of candidate's research interests (2 pages max),* |
|  | 2. *list of publications,* |
|  | 3. *doctoral dissertation or habilitation dissertation review, if applicable,* |
|  | 4. *three recommendation letters sent separately about the predisposition and qualifications of the candidate for scientific work,* |
| ***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 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. |
|  | The selection procedure is conducted in accordance with The Policy of Open, Transparent and Merit-Based Recruitment Process at the Jagiellonian University |
| ***Form of submission*** | by e-mail to the address: piotr.korcyl@uj.edu.pl |
|  | title: Postdoc application 2024 |
| ***Deadline for submission of applications*** | 15.05.2024 |
| ***Expected date of the selection procedure settlement*** | 15.06.2024 |
| ***Method of communicating of the results of the selection procedure*** | by e-mail |
| ***Questions*** | For further information please contact Piotr Korcyl, e-mail address: piotr.korcyl@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.
2. 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.
3. 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 Theoretical Physics of the Faculty of Physics, Astronomy and Applied Computer Science UJ as part of the project implementation "Hadron tomography in existing and planned high-energy physics experiments" – 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 Theoretical Physics of the Faculty of Physics, Astronomy and Applied Computer Science as part of the project implementation "Hadron tomography in existing and planned high-energy physics experiments" 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.
4. 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.
5. 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.
6. 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.
7. 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: piotr.korcyl@uj.edu.pl
   or by post to the following address: Wydział Fizyki, Astronomii i Informatyki Stosowanej, Instytut Fizyki Teoretycznej 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 Fizyki Teoretycznej UJ, ul. prof. Stanisława Łojasiewicza 11, 30-348
8. Your personal data will not be subject to automated decision making or profiling.
9. 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.