

*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, August 3, 2023**

<i>Selection procedure information number given by the Centre for Human Resources</i>	1227.1101.258.2023
<i>Dean of the faculty of /Director of a non-faculty, inter-faculty or common unit</i>	Dean of the Faculty of Mathematics and Computer Science Prof. dr hab. Włodzimierz Zwonek
<i>Address</i>	prof. Stanisława Łojasiewicza 6 30-348 Kraków

### RECTOR

of the Jagiellonian University

announces a selection procedure for the position of an

### Assistant professor

<i>Group of employees</i>	research staff
<i>JU organisational unit (place of work performance)</i>	Faculty of Mathematics and Computer Science
<i>Field of science</i>	Engineering and technology/ natural sciences
<i>Discipline</i>	Information and communication technology/mathematics
<i>Domain</i>	Urban mobility and artificial intelligence
<i>Number of posts</i>	1
<i>Type of employment</i>	Employment contract
<i>Working time</i>	Full-time
<i>Planned duration of employment</i>	12 months (with an extension of up to 24 additional months)
<i>Expected date of employment commencement</i>	IV quarter of 2023
<i>Remuneration</i>	according to the <a href="#">Rules for Remunerating Jagiellonian University Employees</a>

<b>Requirements</b>	<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"> <li>• holding at least a doctoral degree;</li> <li>• having relevant scientific achievements;</li> <li>• taking active part in scientific life.</li> </ul>
<b>Additional requirements and expectations</b>	<ul style="list-style-type: none"> <li>• experience with implementing projects financed from European funds in the role of manager or co-investigator;</li> <li>• internships in foreign research centers;</li> <li>• PhD in Computer Science or Mathematics;</li> <li>• interests and proven experience in conducting research in the field of the use of artificial intelligence, in particular in reinforcement learning;</li> <li>• research interests in urban mobility systems and transport systems.</li> </ul>
<b>Project Title</b>	<p>The post is offered as a part of the project entitled „Playing urban mobility games with intelligent machines. Framework to discover and mitigate human-machine conflicts” (acronym: COeXISTENCE) financed under the ERC Starting Grant.</p>
<b>Project description</b>	<p>In COeXISTENCE, with the team of 5, we try to foresee what happens when our cities are shared with autonomous, intelligent robots - competing with us for limited resources. We create virtual environments where individual agents compete to arrive faster, more reliably and cheaper at their destinations. Human agents are simulated with detailed behavioural models, estimated and calibrated on the field data to reproduce how we behave and adapt in the cities. In the same environment the deep learning agents try the same - they use deep reinforcement learning to maximise their rewards. This creates a harsh competition in which machines have upper-hands strong enough to beat us.</p>
<b>Scope of duties</b>	<p>according to the <a href="#">Work Regulations of the Jagiellonian University</a> Annex 1 to the Work Regulations of the Jagiellonian University – Model scopes of responsibilities and duties of academic teachers.</p>
<b>We offer</b>	<ul style="list-style-type: none"> <li>• stable employment based on an employment contract at the renowned university,</li> <li>• cooperation with the interdisciplinary academic community represented by well-known scientists,</li> <li>• scientific support as well as the possibility of qualifications improvement and professional development,</li> <li>• access to research infrastructure,</li> <li>• benefits in the form of i.e. Multisport card, sports activities, medical packages, group insurance,</li> <li>• additional social benefits.</li> </ul>
<b>Required application documents</b>	<ol style="list-style-type: none"> <li>1. resume,</li> <li>2. personal questionnaire filled in by the candidate,</li> <li>3. copy of the doctoral diploma or a diploma confirming the candidate's habilitation degree, if applicable,</li> <li>4. information on the candidate's scientific, teaching and organisational achievements,</li> <li>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,</li> <li>6. statement under Article 113 of the Law on higher education and science,</li> <li>7. statement on acknowledging and accepting the rules and regulations concerning intellectual property management and commercialisation in force at the Jagiellonian University.</li> </ol> <p><b>Declaration forms (no. 5-7) and personal questionnaire template (no. 2) can be obtained at:</b>  <a href="https://cso.uj.edu.pl/en_GB/konkursy">https://cso.uj.edu.pl/en_GB/konkursy</a></p>

<b><i>Additional application documents</i></b>	<ol style="list-style-type: none"> <li>1. list of publications (along with the respective publishing houses and the number of pages);</li> <li>2. research statement emphasizing your specific interest in and qualifications for this position with the tentative research plan related to the objectives of the COeXISTENCE project (2 pages max);</li> <li>3. recommendation from at least two researchers.</li> </ol>
<b><i>The course of selection procedure</i></b>	<p>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.</p> <p>The selection procedure is conducted in accordance with <a href="#">The Policy of Open, Transparent and Merit-Based Recruitment Process at the Jagiellonian University</a></p>
<b><i>Form of submission</i></b>	by e-mail to the address: <a href="mailto:s.polak@uj.edu.pl">s.polak@uj.edu.pl</a> , title "Application for the position of an assistant professor - ERC Starting Grant"
<b><i>Deadline for submission of applications</i></b>	August 17, 2023
<b><i>Expected date of the selection procedure settlement</i></b>	III quarter of 2023
<b><i>Method of communicating of the results of the selection procedure</i></b>	by e-mail
<b><i>Questions</i></b>	For further information please contact Dr Rafal Kucharski, e-mail address: <a href="mailto:rafal.kucharski@uj.edu.pl">rafal.kucharski@uj.edu.pl</a>

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 Mathematics and Computer Science  
Prof. dr hab. Włodzimierz Zwonek

## 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, represented by the Rector of UJ.
2. The Jagiellonian University appointed the Data Protection Officer [www.iod.uj.edu.pl](http://www.iod.uj.edu.pl), Gołębia 24, 30-007 Kraków. The Officer can be contacted by [email](mailto:iod@uj.edu.pl): [iod@uj.edu.pl](mailto: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 – 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 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 you 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: [s.polak@uj.edu.pl](mailto:s.polak@uj.edu.pl) or by post to the following address: **ul. Prof. S. Łojasiewicza 6, 30-348 Kraków**, or you can withdraw your consent **in person at Dean's Office of WMil**.
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.