



UNIwersytet Jagielloński
w Krakowie



HR EXCELLENCE IN RESEARCH

COMPETITIVE SELECTION PROCESS NOTIFICATION

**THE DEAN OF THE
FACULTY OF PHYSICS, ASTRONOMY
AND APPLIED COMPUTER SCIENCE**

Registered office: ul. Prof. St. Łojasiewicza 11,
30-348 Kraków

Phone: 12 664 4890 Fax: 12 664 4905

Krakow, 1 march 2022

RECTOR

of the Jagiellonian University

announces a competitive selection process for the post of an ASSISTANT PROFESSOR

in the research staff / research and faculty staff member group

at the Institute of Applied Computer Science

of the Faculty of Physics, Astronomy and Applied Computer Science

**academic field of Information and communication technology with regard to applications
of computing technologies and/or Artificial Intelligence**

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:

1. holding at least a doctoral degree,
2. having relevant scientific achievements,
3. taking active part in scientific life,
4. having experience in teaching.

Additionally:

5. The doctoral degree was obtained at other institution than Jagiellonian University,
6. have published in renowned journals or conferences (the conferences should appear on the CORE list in years 2014-2021); This should include journals and/or conferences attributed by the ministry to the academic field of information and communication technology (the list of those journals can be found on the ministry website: <https://www.gov.pl/web/edukacja-i-nauka/nowy-rozszerzony-wykaz-czasopism-naukowych-i-recenzowanych-materialow-z-konferencji-miedzynarodowych>),
7. have presented their work on international conferences and symposia.

The ideal candidate should also meet the following criteria:

- have experience in interdisciplinary scientific work and/or in cooperation with the socio-economic environment,
- have documented experience in organizational and project work, in particular in the implementation of research projects financed from external sources by way of a competition and in raising funds for research from such sources,
- have experience in international academic cooperation with leading research centers,
- be able to actively cooperate with other members of the research group,
- have experience in popularizing science or innovative education,
- have an excellent command of the spoken and written English language.

Expectations:

- publishing articles in reputable computer science journals or at conferences from the CORE list for which the Jagiellonian University is the only Polish affiliation,

- submitting at least one application for an external Polish or international grant affiliated with the Jagiellonian University within 24 months of starting work at the Jagiellonian University,
- engaging scientists from the Jagiellonian University academic community in research work, in particular, topics related to:
 - the use of artificial intelligence methods in computer-aided design and knowledge processing,
 - methods of intelligent data mining and knowledge modeling in intelligent systems,
 - programming graphics cards with particular emphasis on RTX technology,
 - Monte-Carlo simulations based on neural networks,
 - programming of FPGAs (Field Programmable Gate Arrays) for acceleration of calculations and data processing in real-time systems.
- conducting didactic activities (in accordance with the Work Regulations of the Jagiellonian University).

The employment period is 33 months. Moreover, a successful candidate will be awarded a research grant for the duration of 33 months.

The candidates who would like to take part in the competitive selection process **should send the following documents by e-mail to the address: wydzial.fais@uj.edu.pl** or submitted to the Dean's Office of the Faculty of Physics, Astronomy and Applied Computer Science of the Jagiellonian University in Krakow, ul. Prof. St. Łojasiewicza 11, 30-348 Kraków, room H-0-10:

1. application form,
2. a draft plan of scientific research to be carried out while employed at the Jagiellonian University in the scope of the research domain "advanced computational methods and artificial intelligence" POB DigiWorld (see, <https://digiworld.id.uj.edu.pl/o-pob> "Description of the research area"),
3. curriculum vitae containing: list of publications, list of awards and distinctions obtained, list of internships and stays in research units, a list of completed and ongoing research projects (as a manager or contractor) with an indication of funding sources,
4. personal questionnaire filled in by the candidate,
5. copy of the doctoral diploma or a diploma confirming the candidate's habilitation degree, if applicable,
6. information on the candidate's scientific, teaching and organizational achievements,
7. information concerning educational activities carried out by the candidate, if any,
8. doctoral dissertation or habilitation dissertation review, if applicable,
9. two recommendations concerning the candidate's research and teaching work, issued by the head of the organizational unit or a scientific supervisor, including the results of student surveys and evaluations, if the candidate was subject to such evaluation,
10. declaration of the candidate, confirming that the Jagiellonian University will be their primary place of work, should they be selected in the competitive selection process,
11. declaration under Article 113 of the Law on Higher Education and Science,
12. declaration on acknowledging and accepting the rules and regulations concerning intellectual property management and commercialisation in force at the Jagiellonian University,
13. information regarding processing of personal data.

Selected candidates will be invited for an online interview.

Opening date: 2 March 2022.

Application submission deadline: 10 June 2022.

The competitive selection process will be concluded: by 30 June 2022.

The Jagiellonian University does not provide housing.

Declaration forms can be obtained at: <http://www.cso.uj.edu.pl/-nauczyciele>

When selecting candidates, the Jagiellonian University follows the principles set out in the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers.

On behalf of
the Rector of the Jagiellonian University

Dean of the Faculty of Physics, Astronomy
and Applied Computer Science

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, 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 – 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 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: wydzial.fais@uj.edu.pl or by post to the following address: Dean's Office of the Faculty of Physics, Astronomy and Applied Computer Science of the Jagiellonian University in Krakow, ul. Prof. St. Łojasiewicza 11, 30-348 Kraków, or you can withdraw your consent in person at Dean's Office of the Faculty of Physics, Astronomy and Applied Computer Science of the Jagiellonian University in Krakow, ul. Prof. St. Łojasiewicza 11, 30-348 Kraków.
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.