

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, May 8, 2023
Selection procedure information number given by the Centre for Human Resources	1227.1101.155.2023
Dean of the faculty of /Director of a non-faculty, inter-faculty or common unit	Dean of the Faculty of Mathematics and Computer Science Prof. dr hab. Włodzimierz Zwonek
Address	Prof. Stanisława Łojasiewicza 6 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)	Faculty of Mathematics and Computer Science
Field of science	Natural sciences
Discipline	Mathematics
Scope	representation theory, algebraic geometry
Number of posts	1
Type of employment	employment contract
Working time	Full-time
Planned duration of employment	6 months
Expected date of employment commencement	III 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	<ul style="list-style-type: none"> • According to the project regulations: <ol style="list-style-type: none"> 1. A post-doc type post is to be understood as a full-time post, planned by the project's principal investigator for a person at the beginning of their career in research, who has obtained their doctorate degree within 7 years of joining the project. This period does not include breaks related to: maternity leave, adoption leave, paternal leave, parental leave granted in compliance with the Labour Code, nor periods of sickness benefit or physiotherapy benefit granted on account of being unfit to work, including any caused by a health condition requiring rehabilitation. Women may extend the 7-year period by 18 months for every child born or adopted. A woman may choose whichever manner of accounting for career breaks she finds preferable. 2. the principal investigator in the project (prof. dr Jerzy Weyman) isn't a thesis supervisor/auxiliary thesis supervisor of candidate's doctorate; • PhD in Mathematics • fluent in English • interests and proven experience in conducting research in the field of algebraic geometry or representation theory
Project Title	<p>OPUS 15 NCN; 2018/29/B/ST1/01290 The structure of equivariant D-modules</p>
Project description	<p>The overall goal of this project is to find the explicit descriptions of equivariant D-modules for representations of reductive groups with finitely many orbits. In principle the structure of simple equivariant D-modules supported in an orbit closure is known: they correspond to the connected components of the stabilizers of the orbits.</p> <p>The concrete goals carried in this project will be: the description of the orbit stabilizers for subregular representations, the description of the representation structure of the corresponding simple D-modules and the description of the Auslander-Reiten quiver of the category of D-modules. Particular attention will be paid to the tameness of the category of D-modules as this was observed to happen in the examples. If true, this will provide an important characterization of the subregular representations. A particular motivation for this research is an attempt to understand how the uniformity of subregular representations (across the classical and exceptional types) which is their most interesting feature, carries to the structure of equivariant D-modules. In carrying out this research the tools from several areas of algebra (representations of reductive groups, D-modules, quiver representations etc.) have to be brought together. This will require experts that are fluent in all those fields. But the tools are there and if used properly they should give the results. The subregular representations are very interesting in the representation theory of reductive groups. They form the lowest row in "Freudenthal magic square", and they show striking similarity to each other across the different root systems. Their uniform behavior (the orbit structure and the representation structure of their coordinate rings) is not completely understood. The project will allow to understand how this uniformity carries to the structure of equivariant D-modules. It will be interesting regardless of how uniform the D-module categories will be. So the results of the project will have consequences on a larger scale, beyond just subregular representations.</p>
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>

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. <p>Declaration forms (no. 5-7) and personal questionnaire template (no. 2) can be obtained at: https://cso.uj.edu.pl/en_GB/konkursy</p>
Additional application documents	<ol style="list-style-type: none"> 1. list of publications (along with the respective publishing houses and the number of pages), 2. information about previous scientific work and scientific achievements, 3. two recommendation letters (the person recommending should send a letter to the address; sabina.batko-jakubiak@uj.edu.pl).
The course of selection procedure	<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>
Form of submission	<p>by e-mail to the address: sabina.batko-jakubiak@uj.edu.pl, title: OPUS 15 NCN</p> <p>by post to: 30-348 Kraków, ul. Prof. S. Łojasiewicza 6 with the note: OPUS 15 NCN</p>
Deadline for submission of applications	May 22, 2023
Expected date of the selection procedure settlement	June 30, 2023
Method of communicating of the results of the selection procedure	by e-mail
Questions	For further information please contact Sabina Batko-Jakubiak, e-mail address: sabina.batko-jakubiak@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 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, 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 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: sabina.batko-jakubiak@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 ul. Prof. S. Łojasiewicza 6, 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.