Position Announcement: Post-doc – Full-time Employment (M/F)

Institution Name: Faculty of Computing and Telecommunications, Poznan University of Technology, Poznan, Poland,

Requirements:

1. A Ph.D. degree obtained[1] not earlier than January 1st, 2019, in one of the following scientific disciplines: computer science, econometrics, management, or mathematics. Candidates whose doctoral defense is scheduled before September 1, 2026, may also apply, but they should provide confirmation signed by the Dean of the School where the defense will take place.
2. The Ph.D. degree should have been obtained from an institution other than the Poznan University of Technology, or the candidate has completed at least a 10-month continuous and documented postdoctoral fellowship at an institution other than the Poznan University of Technology and in a country other than the country of obtaining the Ph.D. degree.
3. Knowledge of operational research and artificial intelligence, particularly in the area of intelligent decision support systems.
4. Good programming skills (Java, Matlab).
5. Documented research experience with publications in the required knowledge area.
6. At least a good command of English in both speech and writing.
7. Attributes such as availability, willingness for self-development, strong motivation for research work, creativity in problem-solving, independence, reliability, and teamwork skills.

We offer:

- The opportunity to work on a prestigious, interdisciplinary, and pioneering MAESTRO project led by an experienced scientist, Prof. Roman Słowiński (https://fcds.cs.put.poznan.pl/IDSS/rslowinski/cv_en.htm).
- Work within an international team, in collaboration with the University of Catania, including visits to this institution.
- Participation in scientific conferences both domestically and abroad to present the project results.

Job description:

The position involves participation in an interdisciplinary and pioneering project, "Intelligent Decision Support Based on Explanatory Analytics of Preference Data" led by Professor Roman Słowiński. The objective is to develop innovative algorithms and conduct computational experiments resulting in publications in leading scientific journals. Key focus areas include:

1. Consensus Reaching Process in Group Decision-Making with explanatory models of decision-makers' preferences.
2. Construction Classifier Ensemble composed of diverse sets of decision rules.

Example publications related to the above tasks:

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[1] This period may be extended by the time spent during this period on long-term (over 90 days) documented sick leave or rehabilitation benefits due to incapacity for work. Additionally, this period can be extended by the number of months spent on leave related to childcare and upbringing granted according to the principles set out in the Labor Code. In the case of women intending to participate in the competition, it can be extended by 18 months for each born or adopted child, if this method of indicating career breaks is more beneficial.

- Y. Zhao, Z. Gong, G. Wei, R. Słowiński, Consensus modeling with interactive utility and partial preorder of decision-makers, involving fairness and tolerant behavior. *Information Sciences*, 638 (2023) 118933, https://doi.org/10.1016/ j.ins.2023.118933]

- M. Szeląg, R. Słowiński, Explaining and predicting customer churn by monotonic rules induced from ordinal data. *European Journal of Operational Research*, 317 (2024) no.2, 414-424, https://doi.org/10.1016/j.ejor.2023.09.028

- J. Błaszczyński, B. Prusak, R. Słowiński: Multi-objective search for comprehensible rule ensembles. In: V. Flores et al. (eds.): *IJCRS 2016*, LNAI 9920, Springer, Berlin, 2016, pp. 503-513, https://doi.org/10.1007/978-3-319-47160-0_46

- Library **ruleLearn** and application **RuLeStudio**: https://sites.google.com/view/mszelag/software

Type of NCN competition: MAESTRO project
Deadline for submissions: May 12, 2026
Submission method: e-mail

Employment conditions:

Duration: **12 months,** with the possibility of extension
Employment form[2]: **employment contract**
Funding amount: salary of **PLN 8,660 gross per month**
Start date: **between June and September 2026**

Candidates are requested to submit an application consisting of:
1. CV with a cover letter.
2. Ph.D. diploma and a description of the defended doctoral dissertation.
3. List of publications and copies of up to 3 of the best ones.
4. Name, surname, position, and email address of a person who can provide a reference.
5. Statement or certificate of English proficiency.
6. Statement of programming language proficiency.
7. Statement of consent for the processing of personal data for recruitment purposes with the following content: "I consent to the processing of my personal data contained in the application documents by the Poznań University of Technology, located in Poznań, for the purpose of conducting the current recruitment process."

Interested candidates should send the required documents to roman.slowinski@put.poznan.pl
by May 12, 2026.

Competition outcome date: May 22, 2026.

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[2] During the period of receiving this salary, the post-doc will not receive a salary from another employer based on an employment contract, including an employer based outside the territory of Poland, nor any other remuneration from funds granted as direct costs of research projects financed within the framework of NCN competitions

Information clause

In accordance with Art. 13 of the Regulation of the European Parliament and of the Council (EU) 2016/679 of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46 /EC (hereinafter referred to as GDPR) we inform that:

1. The administrator of your personal data is Poznan University of Technology located at Pl. Marii Skłodowskiej - Curie 5, 60-965 Poznań e-mail: biuro.rektora@put.poznan.pl, phone: 61 665 3639.

2. Contact details of the Data Protection Inspector - Piotr Otomański, e-mail: iod@put.poznan.pl,

3. Your personal data will be processed in order to carry out the recruitment process; the legal basis for the processing of your personal data is voluntarily and knowingly expressed by your consent according to art. 6 section 1 (b) GDPR.

4. Personal data will not be passed on to processing entities (art. 28 section 1 GDPR). They can be only transferred only to bodies authorized by law.

5. Personal data will be kept for the period of the recruitment process or until you withdraw your prior consent, but its withdrawal does not affect the legality of the processing which was carried out on the basis of consent before its withdrawal.

6. You have the right to access your personal data, the right to rectify them, the right to transfer them, and if applicable, also to remove them, to limit processing and the right to object to processing.

7. You have the right to lodge a complaint with the President of the Office for Personal Data Protection when you feel that the processing of your personal data violates the provisions of the General Data Protection Regulation of 27 April 2016 (GDPR).

8. Providing by you your personal data is voluntary, however, the consequence of not providing personal data may lead to inability to consider your candidacy for a vacancy.

9. Your data will not be processed in an automated way, including profiling.