

**Director of the Institute of Theoretical and Applied Informatics
of the Polish Academy of Sciences announces open competition for professor
Machine Learning Team**

INSTITUTION: Institute of Theoretical And Applied Informatics of the Polish Academy Of Sciences

CITY: Gliwice, Poland

POSITION: professor

EMPLOYMENT TYPE: Full- time

REMUNERATION: not lower than that specified in Article 94a(1) of the Act on the Polish Academy of Sciences (Journal of Laws 2010, No. 96, item 619, as amended)

SCIENTIFIC DISCIPLINE: information and communication technology

ANNOUNCEMENT DATE: 01/07/2026r.

SUBMISSION: 29/07/2026r.

WEBSITE: www.iitis.pl

Description:

The person employed in the position of professor will be responsible for conducting scientific research in the area of computer science, artificial intelligence, machine learning, data analysis, modelling, optimisation and decision support systems, with particular emphasis on the application of these methods to engineering problems, construction, infrastructure, and the management of technical undertaking. The scope of the position includes the development of computer science methods and intelligent computational methods, including machine learning, data mining and integration, predictive modelling and automated decision support in complex technical systems, as well as their application in the digital transformation and improvement of engineering and infrastructure processes.

The duties of the person employed will include, in particular:

1. conducting independent scientific research at a high international level in the fields of computer science, artificial intelligence, machine learning, decision support systems and their applications to engineering problems;
2. initiating and developing scientific collaboration with national and international research institutions and industrial partners;
3. preparing scientific publications for prestigious international journals;

4. obtaining and implementing research projects funded from national and international sources;
5. co-creating the Institute's research development strategy in the areas of artificial intelligence, machine learning, decision support systems and applications of computer science in engineering;
6. supporting the development of early-career researchers, including supervising PhD students and young researchers;
7. representing the Institute in the national and international scientific community.

Requirements:

The candidate should meet the following requirements:

- hold the scientific title of professor;
- have a significant and documented scientific track record in the area of computer science, artificial intelligence, machine learning, operations research, decision support systems, modelling, optimisation or related fields;
- have experience in conducting interdisciplinary research combining computer science, computational and decision-making methods with problems in engineering, construction, infrastructure or project management;
- demonstrate publications in highly ranked international scientific journals;
- have experience in leading or co-leading research projects, research teams or international research initiatives;
- be fluent in English.

Additional advantages:

Preference will be given to candidates who meet at least some of the following criteria:

- have an internationally recognised research record in the application of computer science, artificial intelligence, machine learning, decision-making methods or modelling to engineering problems;
- have experience in interdisciplinary research relating to digitalisation, automation, technical process management, infrastructure or construction;
- demonstrate a publication record in renowned international journals and active involvement in the international scientific community;
- have experience in building national and international cooperation, including with research organisations, industrial partners or public institutions;
- have experience in training and mentoring early-career researchers;
- have organisational, expert or editorial achievements confirming an active role in the development of the relevant scientific discipline..

Required documents:

- Curriculum vitae including, among others: a list of the most important publications from the last 5 years, scientific events attended by the candidate, a list of awards, patents, h-index, and the number of citations according to the Scopus database;

- Statement that in case of employment, the IITiS PAN will be a place of scientific activity in the information and communication technology discipline, in accordance with the Act of 20 July 2018 – Law on Higher Education and Science.
- A statement stating that in the event of winning the IITiS PAN competition, I will declare the willingness to be included to the employees conducting scientific activities in the information and communication technology discipline, in accordance with the Act of 20 July 2018 - Law on Higher Education and Science
- Additional documents (or their copies) confirming qualifications.

ITAI PAS does not provide accommodation.

Applications should be submitted to the Secretariat of the Institute of Theoretical and Applied Computer Science of the Polish Academy of Sciences, ul. Bałtycka 5, 44-100 Gliwice, with the following note on the envelope: "Competition for the position of professor at ZUM" Alternatively, scanned documents can be sent by email to konkursy@iitis.pl with the subject line "Competition for the position of professor at ZUM."

The deadline for submitting applications is July 29, 2026, 12:00 p.m. (the date of receipt by IITiS PAN is decisive).

Interested candidates are encouraged to contact the manager, dr hab. Przemysław Głomb, email: pglomb@iitis.pl, for detailed information and explanations regarding the competition.

By submitting your application for this competition, you consent to the processing of your personal data by ITAI PAS, as the personal data controller, for the purpose of recruitment for the position indicated in the competition announcement. You may withdraw your consent at any time by emailing to iod@iitis.pl

Full information on the processing of your personal data can be found here

- <https://www.iitis.pl/sites/default/files/Klauzula%20RODO%20IITiS%20PAN.pdf>