Job offer in NCN research project	
Job title:	PhD student
Period and form of employment:	36 months, NCN research scholarship
Institution:	Institute of Computer Science, PAS
Deadline for applications:	22.03.2026

Director of the ICS PAS announces an open grant competition for the position of PhD student in the Statistical Analysis And Modelling Team. The position relates to work within the project entitled *GENIE-MRI: Generative Neural Networks for Image Exchange in breast MRI*, No. 2024/55/D/ST6/02310, funded by the NCN (National Science Center) under the SONATA 20 funding scheme.

The competition is open to applicants who fulfill the conditions set forth in the NCN regulations (*Regulamin przyznawania stypendiów naukowych w projektach badawczych finansowanych ze środków NCN*, wprowadzony uchwałą rady NCN nr 25/2024 z dnia 4 marca 2024 r.). i.e.

a) is a student of first-cycle, second-cycle, or long-cycle Master's degree programs at universities in Poland;
or b) is a doctoral student within the meaning of the Act of July 27, 2005, on Higher Education;
or c) is a doctoral student at a doctoral school within the meaning of the Act of July 20, 2018, Law on Higher Education and Science.

Candidates for this position should meet the following requirements:
• practice in computer programming (knowledge of programming in Python,
• experience in using the deep learning frameworks such as PyTorch,
• fluency at English,
• bachelor or master's degree in computer science closely related.
Also highly desired:
• experience in research projects in artificial intelligence,
• experience in medical image processing

Task description:

PhD student should be involved in most scientific research within the project and the work done during the 3-year period will be the base for his/her PhD thesis. Specifically, a PhD student will work on implementation and optimization of the algorithms, performing computer simulations, data pre-processing but also involved in more creative parts like proposing new membership attacks. The PhD. Student will be performing the experiments in working packages 1-3 of the project which will include implementation of deep learning models, their training and evaluation as well as investigation of synthetic data anonymity and the performance of deep learning models trained on synthetic data.

The application should include:

1) grant application containing information about the status of a PhD student at a doctoral school or a participant in a doctoral studies program, including the name of the faculty and the name of the higher education institution[1],
2) scientific curriculum vitae including past achievements and accomplishments (publications, conferences, research, fellowships, scholarships, awards, experience, participation in workshops, trainings, scientific projects etc.), as well as competence to perform the above tasks.
3) a copy of the document confirming the bachelor or master's degree, as required.

Applications and questions should be addressed to the project principal investigator, dr Andrzej Liebert, by e-mail in pdf files to: andrzej.liebert@ipipan.waw.pl, with the note "Konkurs na doktoranta GENIE-MRI".

The deadline for submitting applications is 22.03.2026 Deadline for announcing the results of the competition is 27.03.2026

Applications will be considered by the Competition Commission appointed by the Director of the ICS PAS. The Commission may invite candidates for an interview. The decision of the Competition Commission is not subject to appeal.

Prof. dr hab. inż. Wojciech Penczek
Director of the Institute of Computer Science, Polish Academy of Sciences

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[1] Please include the following clause: "I consent to the processing of my personal data for the purposes necessary for the recruitment process at the Institute of Computer Science of the Polish Academy of Sciences".