**Director of the Institute of Theoretical and Applied Informatics
of the Polish Academy of Sciences
announces open competition for post-doc position
in Quantum Systems of Informatics Group**

Institution: Institute of Theoretical And Applied Informatics of the Polish Academy Of Sciences
City: Gliwice, Poland
Position: post-doc (pol. adiunkt)
Scientific discipline: information and communication technology
Announcement date: 03.10.2025r.
Submission: 17.10.2025r.
Website: www.iitis.pl

Description:
We offer a **22-months post-doctoral** position in the area of quantum computing (including quantum annealing), quantum programming, artificial intelligence, and physical systems simulations with the emerging near-term technology at the Institute of Theoretical and Applied Informatics, Polish Academy of Sciences (IITiS PAN), Gliwice, Poland.
The position is founded by the Polish National Science Centre project, **Sonata Bis 10** titled "*Simulations of physical systems with near-term annealing technology.*" The involved post-doctoral researcher is expected to participate in the activities of the Quantum Systems of Informatics Group, including the supervision of young researchers, as well as pursuing their own research programme. The position does not include any teaching obligations.

Project leader: dr hab. Bartłomiej Gardas, e-mail: bgardas@iitis.pl

Requirements:
- Ph.D. degree in physics, mathematics, computer science or equivalent.
- Excellent communication and language skills in English (B2 level or higer).
- Experience with quantum computing and near-term classical/quantum technology.

Additional advantages:
- Ability to collaborate effectively in a team environment.
- Willingness to travel abroad to attend conferences and participate in scientific exchange.
- Ability to work independently to develop new research directions.

Required documents:
- Cover Letter.
- Curriculum vitae with the list of publication, list of talks at scientific events, and list of awards;
- A reference letter from a senior researcher, which should be send to konkursy@iitis.pl with the subject line "Reference letter for a post-doc position (Sonata Bis 10)";
- Statement that in case of employment, the IITiS PAN will be a place of scientific activity in the field of technical computer science and telecommunications within the scope of 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 technical computer science and telecommunications 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.

Competition applications must be submitted to the Secretariat of the Institute of Theoretical and Applied Informatics of the Polish Academy of Sciences, ul. Bałtycka 5, 44-100 Gliwice, with a note on the envelope: "Competition for a post-doc position SONATA BIS 10 project". Alternatively, scanned documents can be sent by email to konkursy@iitis.pl with the subject line "Competition for a post-doc position in the Sonata Bis 10 project," and paper versions can be supplemented by sending them by traditional mail, if application will be accepted. The deadline for submitting applications is 17/10/2025r (the date of receipt by ITAI PAS is decisive).

Interested candidates are encouraged to contact the project leader, dr hab. Bartłomiej Gardas, bgardas@iitis.pl, for further information and clarifications concerning the opening.

According to Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016, we also require that by applying, a candidate include the following statement in the cover letter: "I consent to the processing by IITiS PAN of my personal data contained in my application for the purposes of the competition announced for the scholarship. At the same time, I declare that I have been informed about my right to access my data and correct it, withdraw consent to their processing at any time, as well as that the provision of this data was voluntary"