Director of the Institute of Theoretical and Applied Informatics
of the Polish Academy of Sciences
announces open competition for a research assistant position in the Internet of things team

INSTITUTION: Institute of Theoretical and Applied Informatics, PAS

CITY: Gliwice

COUNTRY: Poland

POSITION: research assistant (*pol*. asystent)

FTE DIMENSION: full time

DISCIPLINE: informatics

ANNOUNCEMENT DATE: 2022-11-14

DOCUMENTS SUBMISSION DEADLINE: 2022-12-14

WEBSITE: https://www.iitis.pl

KEYWORDS: Internet of Things, indoor positioning, graph algorithms

The Institute of Theoretical and Applied Informatics of the Polish Academy of Sciences has two openings for Research Assistants in the Internet of Things Team. These Research Assistants will participate in research related to the movement of people, vehicles and data network traffic in built environments that are supported by the wired and wireless Internet of Things. The research will involve the development of models, algorithms and network protocols that tend to maximize cyber and physical security, and minimize energy consumption and time delays, when people and vehicles (such as cars, drones, industrial robots or palets) move and operate in these environments. It will include the study of relevant routing algorithms both for data packets and for people and vehicles. These positions do not include teaching duties.

Requirements:
- title of Master of Science or equivalent (M.Sc.) in Computer Science, mathematics, physics or other technical discipline;
- experience in scientific research confirmed by at least one journal publication or participation in R&D project;
- practical knowledge of Python;
- very good spoken and written English language skills;
- teamwork skills.

Additional requirements:
- experience in discrete event simulations or analytical modeling;
- experience in optimization or graph theory, confirmed by publications in the area.

List of required documents:

- application,
- Curriculum Vitae, (with the annotation "*I consent to the processing by IITiS PAN of my personal data contained in my offer for the purposes necessary for the recruitment process.*"),
- proof of obtained university degree,
- A statement stating that, if the competition is won, IITiS PAN will be a place of scientific activity in the discipline of technical informatics and telecommunications within the meaning of the Act of July 20, 2018. - Law on Higher Education and Science);
- additional documents (or copies) verifying qualifications.

The successful candidate will be employed as a research assistant within the Internet of Things group**.** If you any questions please contact dr hab. Krzysztof Grochla, prof. of IITIS PAN at kgrochla@iitis.pl.

Job applications have to be submitted personally or by post to Secretary of Institute of Theoretical and Applied Informatics, PAS to the address: ul. Bałtycka 5, 44-100 Gliwice. On the envelope it should be written: "Konkurs na stanowisko asystenta w ZIOT". It is also possible to send the scanned documents via email to the address: konkursy@iitis.pl with the topic: "Konkurs na stanowisko asystenta w ZIOT" and deliver the documents e.g. via a traditional mail later on, before signing the contract.

The deadline for submitting applications expires on 14.12.2022 (date of receipt).