

**Director of Institute of Theoretical and Applied Informatics,
Polish Academy of Sciences announces open competition for
research assistant position in Quantum Systems of Informatics Group
(two positions)**

INSTITUTION: Institute of Theoretical and Applied Informatics, PAS

CITY: Gliwice

COUNTRY: Poland

POSITION: research assistant (pol. asystent)

DISCIPLINE: informatics

POSTED: 11.07.2016

DOCUMENTS SUBMISSION DEADLINE: 25.07.2016

URL: www.iitis.pl

KEYWORDS: quantum information; multi-linear methods, parallel; distributed and concurrent computing; tensor networks;

DESCRIPTION:

Requirements:

- title of magister or equivalent (M.Sc.) in informatics (computer science), mathematics, physics or in similar field;
- experience in scientific research;
- numerical programming skills in languages such as Python, Julia, Mathematica;
- knowledge of quantum information theory;
- good team-working skills;
- very good spoken and written English language skills.

Non-obligatory requirements:

- experienced Python programmer;
- experienced Julia programmer;
- very good knowledge of Python libraries: numpy, scipy, matplotlib;
- good knowledge of concepts of mathematical programming, especially semidefinite programming;
- very good knowledge of LaTeX;
- good knowledge in tensor networks methods; matrix and tensor analysis and probability theory;
- experience in scientific research confirmed by publications;
- experience in popularization of science and public engagement;
- very good spoken and written Polish language skills.

List of required documents:

- application;
- Curriculum Vitae;
- proof of obtained university degree;
- selected best papers;
- a statement that, in the case of employment, IITiS PAN will be the primary workplace of the candidate;
- additional documents (or copies) verifying qualifications.

Job applications have to be submitted personally or by mail to Secretary of Institute of Theoretical and Applied Informatics, PAS to the address:

Instytut Informatyki Teoretycznej i Stosowanej PAN,
ul. Bałtycka 5,
44-100, Gliwice, Poland.

On the envelope it should be written: **Konkurs na stanowisko asystenta w ZKSI**. The deadline for submitting applications expires on **25.07.2016** (date of receipt).

The application should contain the following statement: *I hereby authorize IITiS PAN to process my personal data included in my job application for the purposes of the recruitment procedure (in accordance with the Act of August 29, 1997. on Personal Data Protection Dz.U. no 133, position 883.)*