

Ph. D. student positions in foundations of quantum mechanics / quantum information theory

Sat, 2018-02-10 13:30 - [Wieslaw Laskowski](#) [1] **At:** University of Gdansk

Deadline: 30 June, 2018

Location

Institute of Theoretical Physics and Astrophysics Gdansk Poland

54° 21' 7.29" N, 18° 38' 47.8968" E

We have an opening for two 27-month Ph. D. student positions in foundations of quantum mechanics / quantum information theory at the University of Gdańsk, Poland with starting date 1st October 2018.

The positions will be financed under the project "Quantum correlations – from few to many particles" founded by the Polish National Science Center under BEETHOVEN programme.

Scope of research for the project include:

- Operational definitions and measures of multipartite correlations
- New improved procedures for quantum state reconstruction
- Many-particle entanglement detection with limited information on correlations
- Non-classical correlations being more robust to experimental imperfections and quantum metrology

The candidate must have a M. Sc. in physics (at the latest on 1 September 2018).

The stipend will be 3 000 PLN / month (tax-free) with access to travel funds as well.

Application deadline is 30 June 2018 .

Applications should be sent by e-mail to [wieslaw \[dot\] laskowski \[at\] ug \[dot\] edu \[dot\] pl](mailto:wieslaw.laskowski@ug.edu.pl). They should contain: a copy of your M.Sc diploma (it can be sent later), a CV (including information about publications, prizes, trainings, participation in projects, other important things), a short description of scientific interests. Any inquiries should be directed to the same address.

- [PhD](#) [2]

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