

Ph. D. position

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Ph. D. position

Thu, 2015-06-18 11:58 - [Wieslaw Laskowski](#) [1] **At:** University of Gdansk
Deadline: 3 July, 2015

Location

University of Gdansk, Institute of Theoretical Physics and Astrophysics Wita Stwosza 57
Gdansk 80-952 Poland
54° 23' 44.6496" N, 18° 34' 24.3984" E

We offer two Ph. D positions in the project: New fundamental bounds on correlations of a strictly quantum nature. Various definitions of quantumness and their mutual relations

1. Institution: University of Gdańsk, Institute of Theoretical Physics and Astrophysics
2. Maximum period of stipend agreement: 36 months
3. Position starts on: October 1st, 2015.
4. Stipend's amount: 3,000 PLN (tax free)
5. Research tasks of the project:
 - Quantum contextuality as an information-theoretic resource
 - Fundamental properties and computational applications of temporal quantum correlations
 - Quantum steering
 - Bounds on local realism and entanglement
 - Multi-parameter quantum metrology
6. Profile of candidates:
 - Background in theoretical physics (especially in quantum physics)
 - Good English speaking and writing
7. Required documents:
 - Curriculum Vitae (The application should highlight the candidate's scientific achievements, the detailed description of their research experience, the description of foreign traineeships; if available, it should also include a list of publications and presentations in conferences)
8. Project coordinator: dr hab. Wieslaw Laskowski
9. Address for applications: wieslaw [dot] laskowski [at] ug [dot] edu [dot] pl
10. Application deadline: July 3rd, 2015 (or until the position is filled)

- [PhD](#) [2]

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