

**One PhD position, Combinatorial Optimization Group,
Institute of Computer Science, University of Wrocław.**

We offer one PhD position in the project “Algorithms for connectivity under uncertainty”, led by **Jarosław Byrka**, focused on developing algorithmic tools for NP-hard optimization problems in the area of network design, such as routing or clustering.

We are looking for candidates with genuine interest in the theory of algorithms, and preferably with some knowledge of approximation algorithms and linear programming. Candidates should have (or be about to obtain) a Master’s degree in computer science, mathematics, or a related field.

Our group: <http://ii.uni.wroc.pl/badania/zaklad/ZOK> offers stimulating working environment. Wrocław is a modern city (see, e.g., <https://visitwroclaw.eu/en>), pleasant to live in, having over 100 000 students.

Successful candidate will be enrolled to the PhD school of the University of Wrocław. The school offers basic scholarship of 3466 PLN for the first two years and 5340 PLN for the last two years (after evaluation). These amounts should be just enough to cover the basic living costs in Wrocław.

Additionally, the student will obtain a scholarship of 4000 PLN (and some travel budget) from the grant for the first 21 months of the studies. Further additional support from a grant is likely, but not guaranteed at the moment.

Applications should include

- curriculum vitae
- short description of selected results or achievements and general research interests of the candidate
- list of grades
- list of 2-3 people (with email address) who may provide reference for the candidate

Applications should be submitted by **May 04, 2025**. We aim at selecting the candidate for the grant scholarship by the end of May. The final recruitment process to the PhD school will take place in June.

Further questions and applications should be sent to

- Jarosław Byrka (jaroslaw.byrka [at] cs [dot] uni [dot] wroc [dot] pl)