PhD student scholarship in structural, logical and algorithmic graph theory

Project: NCN Sonata research project, registration number 2022/47/D/ST6/03421
Project name: Structure and algorithms for graph classes defined by transduction-closed properties
Principal investigator: Jakub Gajarský

Requirements:
- Master's degree in computer science or mathematics.
- The candidate should have a status of PhD student at the start of the scholarship in October 2024.
- Solid background in structural graph theory, algorithmics and finite model theory is an advantage.
- Experience in conducting academic research is an advantage.
- Good command of the English language.

Project description:
The topic of the project lies in the intersection of structural graph theory, algorithmics and finite model theory. The aim of the project is to provide new structural and algorithmic tools for graph classes that are well-behaved with respect to so-called first-order transductions.
More information can be found here:
https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2022-09-15-opu8jisl/streszczenia/570253-en.pdf

What we offer:
- Duration 2 years starting from October 2024, possibly 3 years if the project gets an extension
- Scholarship up to 5000 PLN per month
- Covering travel costs to conferences/workshops

How to apply:
The application should contain:
- ECV with contact details including possible participation in research projects, co-authorship of publications, awards, internships, workshops, and scientific training
- Electronic copy of master thesis

The CV should contain the following statement: "I consent to the processing of my personal data for the purposes of the recruitment process (in accordance with the Act on the protection of personal data of 29.08.1997, Dz. U. Nr 133, Poz. 883)".

The applicants should send the application to gajarsky@mimuw.edu.pl **until 14th of August 2024**. The subject of the email should be "PhD scholarship".