



UNIVERSITY
OF WARSAW

Faculty of Mathematics, Informatics and Mechanics
Institute of Informatics

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PhD Position in Computational Oncology and Machine Learning

Position: We invite applications for a PhD position in a Polish National Science Centre-funded project called TUMORMAP (Sonata Bis grant).

Requirements: The candidate is expected to have

- A Master's degree in computer science, mathematics, bioinformatics, or physics, either at the time point of the application or expected end of this semester.
- Excellent mathematical and computational background.
- Experience in programming.
- Interest in applications in healthcare/medicine, in particular oncology.
- Fluency in English.
- Good writing and presentation skills.
- Being enrolled to a Doctoral School at the University of Warsaw or equivalent.

We will require a solid background in probabilistic graphical models, Bayesian statistics and machine learning.

Project outline:

The problem that will be solved in this project is the development of advanced computational methods for quantitative and immunotherapy-informative analysis of spatial data in ultra-high molecular and spatial resolution.

Our methods are usually based on probabilistic graphical models, Bayesian Networks, Bayesian statistics.

Application deadline: 10 Stycznia 2024, 00:00

How to apply:

Please send your applications per email to szczurek@mimuw.edu.pl, including

- CV
- Recommendation contact (we are likely to contact your Referee).

Selected candidates will be invited for an interview. During the interview, the selected candidates will be asked to give a 10 min presentation of their recent research project (can be their Master's thesis).

Engagement conditions:

Maximum project duration: 2 years

Type of position: research scholarship

Position: doctoral student

Start of position: 01.02.2024

Location: institute of Informatics, Faculty of Mathematics, Informatics and Mechanics at the University of Warsaw

Scholarship: 5000 PLN monthly

Work environment: lively, friendly and interdisciplinary research group:

<https://www.mimuw.edu.pl/~szczurek/people.html>

And a supportive PI: <https://www.mimuw.edu.pl/~szczurek/>