Scholarship for PhD students

in the NCN project, **Regulatory mechanisms for reproducible neural pattern specification in the developing spinal cord**, SONATA 13, 2017/26/D/NZ2/00454.

Principal investigator: PhD Marcin Zagórski

Requirements

- MSc in physics, mathematics, computer science or similar,
- successful application to PhD school in Polish research institution or university,
- interest in the interdisciplinary aspect of the project,
- experience with numerical solvers (C++, Python, or Mathematica).

Experience in complex systems or biological networks will be an asset.

Scope of work

The project goal is to identify new regulatory mechanisms that affect patterning precision in the developing spinal cord. The successful candidate is expected to actively take part in the project by proposing and analyzing models in the framework of theoretical physics. The computational models will be informed with high resolution experimental data provided by external collaborators.

Scholarship

The scholarship is **3 000 PLN** per month for initial 24 months with possible extension. This amount can be increased by institutional scholarship for PhD students.

Documents

Scientific CV, list of publications, one recommendation letter.

The documents should be sent to: marcin.zagorski@uj.edu.pl.

Dates

Call opening: 21 June 2020

Application deadline: **16 September 2020**

Results: by 30 September 2020

Additional information

Selected candidates will be invited for an interview. Successful candidate will be selected by a committee chaired by the project leader.

The condition of successful application to PhD school in Polish research institution or university needs to be fulfilled before starting the position. More information at http://zagorskigroup.com/.