

## Competition for scholarship positions\_2

at

Faculty of Mathematics and Computer Science, Jagiellonian University

A scholarship holder may be a person who, at the moment of starting to receive the scholarship, is:

- a student of: first-cycle studies, second-cycle studies or long-cycle studies, carried out at universities in the territory of Poland, or
- a participant in doctoral studies, or a doctoral student at a doctoral school.

Requirements:

- good knowledge of ergodic theory and topological dynamics;
- interest in the research problems specified in the project,  
project abstract available here: <https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2021-09-15bisp2o/streszczenia/538516-en.pdf>

Task description:

- to carry out research in the area of ergodic theory and topological dynamics, as defined in the project "(Anti)Classification and invariants in dynamics", in a detailed scope agreed with the principal investigator;
- cooperation in dissemination of project results, including assistance in preparation of presentations and publications;
- working on the one of four main research tasks:
  1. smooth realization problem;
  2. classification and invariants for dynamical systems of low complexity;
  3. anti-classification results in topological dynamics;
  4. topological models and invariants for loosely Bernoulli flows.

NCN competition type: POLONEZ BIS-1

Deadline for submission of offers: 10.10.2022 r.

Form of submission: e-mail

The monthly amount of the scholarship is in the range of PLN 2500 - 5000. The scholarship will be awarded for a period of 24 months, but no longer than until 30.09.2024.

There is funding for short study trips and participation in conferences.

The application including consent to the processing of personal data should be accompanied by:

- cover letter,
- curriculum vitae,
- a list of publications and conference presentations, together with copies of these papers/presentations,
- an indication of what kind of research task the candidate would like to be involved in.

Please send the documents electronically to: [pkunde.math@gmail.com](mailto:pkunde.math@gmail.com) (subject line: Scholarship\_2 Polonez Bis-1).

Interviews with selected candidates will take place on 11-12.10.2022.

The competition will be settled by 12.10.2022.