



# INSTITUTE OF MATHEMATICS

## POLISH ACADEMY OF SCIENCES

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NATIONAL SCIENCE CENTRE  
POLAND

### Postdoctoral Position

### Grant NCN WEAVE-UNISONO

### *Classifying Derived Models of the Axiom of Determinacy*

The research group led by professor Grigor Sargsyan at the Institute of Mathematics of Polish Academy of Sciences in Gdansk, Poland is seeking highly qualified candidates for a 13 months long postdoctoral position in the NCN WEAVE-UNISONO project entitled *Classifying Derived Models of the Axiom of Determinacy* which starts June 1st 2024 and is funded by the National Science Center. The focus of the project is the classification of the derived models. The general area of the project is set theory, and within set theory it lies in the intersection of determinacy theory, forcing techniques, inner model theory and large cardinals.

#### Qualifications:

- A. PhD in mathematics obtained not earlier than seven years before the year of employment (accounting for parental leaves).
- B. Expertise and research interests in an area closely related to the project.
- C. Good communication skills in English.

#### Required application documents:

1. Detailed CV including a publication list.
2. Research statement.
3. Two letters of recommendation.
4. Signed consent to process personal data.
5. In case the candidate's graduation date is later than November 1st 2023, a letter from the PhD advisor explaining the student's situation.

For full consideration, the above documents should be sent by February 1st of 2024 to [gsargsyan@impan.pl](mailto:gsargsyan@impan.pl) with the subject line "NCN Postdoc".

We encourage all qualified candidates to apply, independently of their gender, age, ethnic, national or social background, religion, beliefs, sexual orientation or disabilities.

For an additional information please contact Dr. Grigor Sargsyan, prof. IMPAN, email: [gsargsyan@impan.pl](mailto:gsargsyan@impan.pl).

Deputy Director  
Institute of Mathematics of PAS

Dr. hab. Piotr Nowak