# INSTITUTE OF MATHEMATICS
## POLISH ACADEMY OF SCIENCES

POLISH NATIONAL AGENCY FOR ACADEMIC EXCHANGE

**Open call for one postdoc position in the NAWA Polish Returns 2025 grant**

***Multidimensional localization through optimal transportation of measure***

The Institute of Mathematics of the Polish Academy of Sciences announces a competition for one postdoctoral positions in the research project led by Dr. Krzysztof Ciosmak. We are looking for highly qualified candidates. The general area of the project is the intersection of geometric analysis, optimal transport, calculus of variations and partial differential equations.

**Project:** NAWA Polskie Powroty 2025

**Application deadline:** December 31st, 2026 (23:59 CET)

**Expected date of employment:** January 2027 (negotiable)

**Employment duration:** 36 months

**Monthly salary:** approximately 11000 PLN (gross)

**Required qualifications:**

1. PhD in mathematics (or in a related field)
2. Background in geometric analysis and/or optimal transport. Knowledge of calculus of variations and partial differential equations is advantageous but not required — these competences can be developed during the project.
3. Strong foundation in rigorous mathematical proofs at research level.
4. Ability to work independently on challenging theoretical problems.
5. Good communication skills in English.

**Required documents:**

1. Detailed CV including a publication list, with 3 most important publications starred.
2. Research statement.
3. Two letters of recommendation, sent directly by the referees to: kciosmak@impan.pl (by Dec 31st, 2026, 23:59).
4. Signed statement on the processing of personal data for recruitment purposes.
5. Graduation certificate (PhD diploma or an equivalent).

Please send the above documents (in pdf format) and any questions to the Principal Investigator – dr Krzysztof Ciosmak, at kciosmak@impan.pl. Application deadline expires **December 31st, 2026** (after 11:59 p.m.).

The selection of candidates will be made by a selection committee chaired by the PI as its chair within 21 days of the closing date. Candidates may be invited for an online interview. If no suitable candidates are found, the competition may remain unresolved.

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

Deputy Director
for Scientific Matters
Institute of Mathematics PAS




Prof. Piotr Nowak