



INSTITUTE OF MATHEMATICS

POLISH ACADEMY OF SCIENCES

Open call for a postdoc position (1) in the NCN Sonata grant ***Variational problems from image processing and crystal models***

Institute of Mathematics PAS announces a competition for a postdoctoral position (1) within the NCN Sonata project 'Variational problems from image processing and crystal models' led by PI Dr. Michał Łasica.

Application deadline: April 8th, 2026 (23:59 CET)

Expected date of employment: April-December 2026

Terms of employment:

1. Full-time position.
2. Employment period: 12 months (with possibility of extension).
3. Monthly salary: approximately 9 600 PLN gross.
4. Place of work: Warsaw.

The position offers funding opportunities for participation in conferences and/or research trips.

Required qualifications:

1. PhD in mathematics obtained prior to commencement of employment.
2. Fluent English.
3. Background in analysis of partial differential equations/calculus of variations.
4. Research interests/experience related to the project area or experience in numerical computations will be an asset.

Tasks description:

The theme of the project is mathematical analysis (well-posedness, regularity, etc.) of variational problems arising in image restoration and computer vision, as well as models of crystal grain boundaries. We will also perform numerical experiments.

Required documents:

1. CV including list of publications.
2. Research statement (maximum 2 pages) describing the candidate's interests and experience.
3. Names and e-mail addresses of two possible references.
4. A copy of the doctoral diploma (or equivalent), or a document confirming the date of obtaining the doctoral degree. In the case of candidates without doctoral degree as of application deadline, supervisor's statement concerning doctoral dissertation progress and planned defense date.
5. Signed statement on the processing of personal data in connection with recruitment.

The selection of the candidates will be carried out by a committee chaired by the PI within 30 days of the closing date. Candidates may be invited to an interview. If there are no suitable candidates, the competition may remain undecided.

Candidates interested in the offer are requested to send the above-mentioned documents (in pdf format) by **April 8th, 2026** (23:59 CET) to the PI's email address mlasica@impan.pl with title 'Sonata postdoc 12+ months'. For more information about the position, please contact the PI via the same email address.

Deputy Director
for Scientific Matters
Institute of Mathematics PAS

Prof. Piotr Nowak