



# INSTITUTE OF MATHEMATICS

## POLISH ACADEMY OF SCIENCES

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### **Open call for a postdoc position (2) in the NCN Sonata grant *Variational problems from image processing and crystal models***

Institute of Mathematics PAS announces a competition for a 6 months postdoctoral position (2) within the NCN Sonata project “Variational problems from image processing and crystal models” led by PI Dr. Michał Łasica.

**Application deadline:** April 8<sup>th</sup>, 2026 (23:59 CET)

**Expected date of employment:** April-May 2026

#### **Terms of employment:**

1. Full-time position.
2. Employment period: 6 months.
3. Monthly salary: approximately 9 600 PLN gross.
4. Place of work: Warsaw.

The position offers funding opportunities for participation in conferences 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. A letter of recommendation (to be sent directly by the referee by the application deadline).
4. A copy of the doctoral diploma (or equivalent), or a document confirming the date of obtaining the doctoral degree.
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 14 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 8<sup>th</sup>, 2026 (23:59 CET) to the PI's email address [mlasica@impan.pl](mailto:mlasica@impan.pl) with title "Sonata postdoc 6 months". For more information about the position, please contact the PI via the same email address.

Deputy Director  
for Scientific Matters  
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Prof. Piotr Nowak