Proceeding No. IMiF/5000006403/2026

Warsaw, 09.01.2026

CALL FOR APPLICATIONS: STUDENT SCHOLARSHIP POSITION

Number of positions: 2

within the Foundation for Polish Science project – **First Team (FENG)**

Host institution: Warsaw University of Technology, Faculty of Mechatronics, Institute of Micromechanics and Photonics

Research group: Quantitative Computational Imaging Lab (QCI Lab)

Project title: "Multimodal multiphoton nanoscopy using SPAD array detectors and adaptive optics", **FENG.02.02-IP.05-0157/25**

Principal Investigator (PI): Dr Eng. Piotr Zdańkowski

Funding source: The project is carried out under the **First Team** programme of the Foundation for Polish Science, co-financed by the European Union under the **European Funds for Smart Economy 2021–2027 (FENG)**.

---

1) Position description and tasks

We are looking for a **Student Scholarship Holder** to support research activities at the interface of microscopy, photonics, and data analysis. The work will focus on developing data acquisition and analysis methods for a multiphoton microscopy system equipped with a SPAD array detector and adaptive optics.

Scope of tasks:

- participation in experimental work related to the development of the system,
- support in preparing tests, acquiring calibration datasets, and performing preliminary data processing,
- hands-on experimental involvement (sample preparation, support in building/alignment of the setup, data analysis), with the possibility to expand responsibilities as experience grows,
- documentation of results (reports, plots, materials for presentations/publications).

2) Formal eligibility criteria (required)

The candidate must:

- hold **active student status** (BSc/MSc or long-cycle Master's) on the scholarship start date,
- **must not receive another scientific scholarship** under any other programme run by the Foundation for Polish Science, regardless of the funding source, except for the **START** programme,
- submit a complete application package before the deadline.

3) Merit-based criteria

- current student (BSc or MSc) in a field related to physics, optical engineering, biomedical engineering, or electronics,

- basic programming skills (**Python/MATLAB**),
- reliability, good organisation, and teamwork skills.

4) Financial and organisational conditions

- Form: **scholarship – Student Scholarship** (funded by the project),
- Scholarship amount: **PLN 3,000 gross per month**,
- Planned start date: **02 February 2026**,
- Duration of the scholarship agreement: **6 months**,
- Location: Warsaw University of Technology (Warsaw), with partial remote work possible for analytical tasks (if justified).

5) Application procedure and timeline

- Application deadline: **20 January 2026**,
- Decision / announcement of results: **by 26 January 2026**.

Required documents (PDF):

1. CV,
2. short motivation letter (max 1 page) describing your interests,
3. list of projects/achievements (if applicable),
4. confirmation of student status – may be provided after selection,
5. An offer to conclude a scholarship agreement,
6. PW information clause.

How to apply:

Please send the complete application package by e-mail to: piotr.zdankowski@pw.edu.pl **and** katarzyna.latoszek@pw.edu.pl

E-mail subject: **"Call – Student Scholarship Holder – First Team FENG"**

Selection process:

- verification of formal eligibility,
- merit-based assessment of the submitted documents,

6) Equal opportunities and accessibility

The recruitment process follows the principles of equal opportunities and non-discrimination, as well as accessibility for persons with disabilities. We welcome all applicants who meet the requirements, regardless of gender, age, disability, origin, beliefs, or sexual orientation.