

TRAMPLIN FOUNDATION



a noncommercial organization dedicated to the development of the scientific, educational, and research environment in the fields of microelectronics, computing systems, and advanced digital technologies.



The key goal of Tramplin Foundation is to create conditions in which talented students, educators, and engineers can:

- acquire relevant knowledge that meets market demands;
- engage in real scientific and technological projects;
- unlock their potential;
- enhance their professional qualifications.

Priority Fields of Activity of Tramplin Foundation

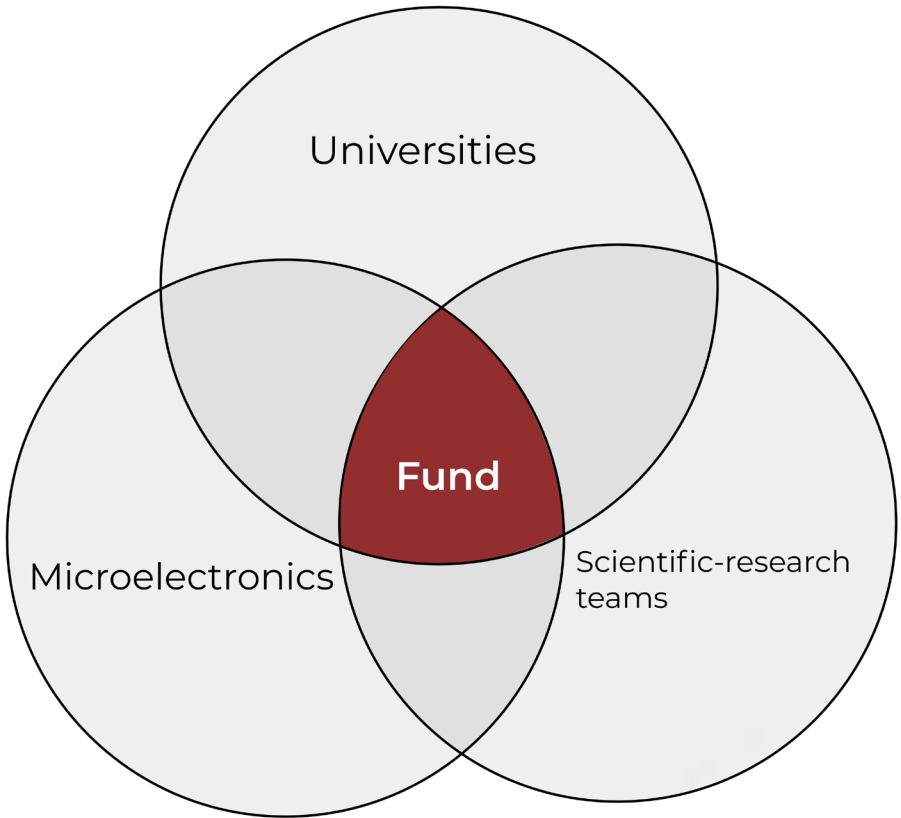
Grant support for students and young researchers

Support for educators involved in the implementation of educational initiatives

Development of competencies in microprocessor architecture and low-level software field

Funding for research and development (R&D) work

The foundation's plans include: launch of an educational program with Omsk State University (OmSU) (autumn 2026), a hackathon (spring 2027), lectures and meetups for students, schoolchildren, and developers, industry events, scientific conferences, and seminars.



Partnership with Universities

Pilot case – launch of an educational course together with Omsk State University (OmSU). The course is designed for students of the faculties of Applied Mathematics and Computer Science, Software Engineering, Information Security, Radiophysics and Electronics, Physics, Computer Science and Computing Technologies.



**Омский
государственный
университет**
им. Ф.М. Достоевского

The program includes theory and practical problem-solving, including:

- Introduction to microprocessor architecture LoongArch architecture and Irtys processor family;
- Low-level programming (C/Assembler);
- Operating systems and system programming;
- Compilers and toolchain;
- Parallel computing and architectures;
- Hardware verification and testing;
- Fundamentals of digital circuitry.

Participation Format

- Courses are offered as electives and additional educational modules;
- Top students receive the opportunity to join project teams at Tramplin Electronics;
- Research scholarships are provided for educator and research staff, and academic scholarships for students, master's students, and postgraduates;
- Further integration into R&D teams of the company and its partners is possible.

The foundation is ready to tailor its approach to meet the needs of each individual partner.



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