

# METROSERT ELECTRONICS, MEASUREMENT AND QUANTUM TECHNOLOGIES INTERNSHIP SCHOLARSHIP

1. The **Metrosert Electronics, Measurement and Quantum Technologies Internship Scholarship** competition supports one successful bachelor's or master's students at Tallinn University of Technology who is studying **the design and application of chips, photonics and electronics, or electrical and optical measurements and calibration**, or a related field, and who meet the following conditions:
   - is enrolled at Tallinn University of Technology and is not on academic leave at the time of submitting the application;
   - has a proactive attitude and a strong passion for their field, with the ambition to develop into a leading specialist in the field;
   - is willing to meet with AS Metrosert
   - is willing to undertake an internship at AS Metrosert; the exact scope and content of the cooperation will be agreed between the scholarship recipient and the funder.
2. **An advantage** is prior research or study experience in quantum technologies (e.g. quantum communication, quantum computing, quantum sensors) or having completed or currently taking a course in quantum mechanics.
3. The gross amount of the internship scholarship is **2000 euros** and includes a one-month internship at AS Metrosert. The exact timing and content of the internship will be agreed between the intern and AS Metrosert.
4. The scholarship is applied for and awarded through a public competition. The competition is announced through the university's various information channels.
5. To apply, candidates must submit the following to the Board of the Development Fund:
   - availability for completing the internship, including the preferred period and workload, and, optionally, an indication of the areas or tasks the applicant would like to focus on during the internship;
   - a motivation letter in which the applicant:
     - (1) describes their vision for the development of technologies in their field (e.g. chips, photonics, electronics, precision measurement) or of quantum technologies, and their own role in it;
     - (2) describes how they meet the stated conditions, including any experience with quantum technologies;
     - (3) states whether and in what role they used artificial intelligence tools in preparing the application (naming the tools used), for example:
       - background research and finding and summarising sources;
       - generating ideas and planning the structure of the text;




    - text generation (writing a draft or parts of it);
    - editing wording, checking grammar and spelling;
    - translation;
    - other use;
- curriculum vitae;
- transcript of academic records (from the dean's office);
- a letter of recommendation from a lecturer, internship supervisor, previous employer or head of a (student) organisation in which you have been actively involved.

6. The Board of the Development Fund registers the applications submitted and forwards the documents to the funder. The funder may, if it wishes, meet the applicants before selecting the intern.
7. The intern will be selected by AS Metrosert, and the internship remuneration will be paid on the basis of an agreement concluded between the intern and AS Metrosert.
8. Any issues related to awarding the internship are resolved by the Board and the Council of the Development Fund.

APPLY