

Master dual degree program “Quantum Metrology”

Major: 03.04.01 Applied Mathematics and Physics

Partner university: Tashkent State Technical University named after Islam Karimov

Objectives of the program:

training of metrologists with fundamental physical and technical knowledge for research with the use of quantum computing systems and precision measurements.

Curriculum research areas

- metrology and standardization
- quantum physics and quantum mechanics
- condensed matter physics,
- physics of nanostructures
- precision measurements
- modeling of solid-state physics
- modern data processing methods.
- design of devices and facilities for metrology of physical measurements.

Program supervisors

Petr Borisyyuk – associate professor, MEPhI Department of Physical and Technical Issues in Metrology, Candidate of Physical and Mathematical Sciences

Parahat Matyakubova – Head of TashSTU department “Metrology, Standardization and Certification”, Doctor of Technical Sciences