



Ref: 10-5195/09

Your Ref: _____

Date: 18.03.2026

Dear Colleagues and Partners!

Ufa State Petroleum Technological University (USPTU) is a regional flagship university of Russia and a flagship university of Gazprom. USPTU invites the students of your university to participate in the VIII International Olympiad in Fundamentals of Technical Systems Control Automation organized by the Department of Automation, Telecommunication and Metrology of the Institute of Digital Systems, Automation and Energy to be held on **April 14 and 17, 2026**. The Olympiad covers several broad areas, such as automatic control theory, automation equipment (field level), engineering measuring and tools, electronic and electrical engineering, automation functional diagrams, metrological support for measuring tools.

The participation in the Olympiad is free of charge, no registration fee is required. The languages of the Olympiad are Russian and English. More detailed information about the Olympiad including rules and sample tasks can be found on the official website <http://olimpiadaatm.ru>.

Bachelor's, Specialists/Engineer's and Master's students can participate in the Olympiad in accordance with the results of the internal selection at their home university or the results of the personalized selection by teachers on the subjects of the Olympiad.

The first part of the Olympiad will be Theoretical. Offline or remote (online) participation is possible. It will be held on **April 14, 2026** and will consist of two stages:

Stage I is a personal championship test in the following sections:

- Fundamentals of technological process automation;
- Engineering system control;
- Artificial Intelligence in industrial automation;
- Measuring and telecommunication systems;
- Metrological assurance of measurements;
- Smart-city technology;
- Logic controllers programming;
- Intelligent sensor technology and robotics.

Participants must complete the registration form on the Olympiad website by **11 April 2026**.

Stage II includes solving a task of automation system complex design including design of block diagrams, algorithms of logic control system operation, selection and justification of automation instruments. Stage II is going to be a team competition. The recommended number of participants is 4-5 people in a team.

The Olympiad will be continued by **the practical round** “PLC Programming” to be held on **April 17, 2024** in the offline format at the address Kosmonavtov street., 1, Ufa. The competition is expected to involve the following stages: developing and assembling of principle scheme of automation object units according to the requirements of the practical round; program developing and testing for automation object operation; run automation object and script runtime system. The recommended number of participants is 3-4 people in a team, who are proficient in programming languages compliant with the IEC 61131-3 standard.

The participants will cover travel costs and accommodation in Ufa, Russia, during the Olympiad.

We kindly ask you to inform contact details of the coordinator from your university, who is responsible for the organizational and technical support of the Olympiad by March 24, by emailing: kafedraatpp@mail.ru.

Sincerely,

Vice-Rector for Academic Affairs



Aleksandr Moguchev