

5th International scientific and practical seminar «Mobility of transport and technological vehicles»

The annual seminar "Mobility of transport and technological machines" will be held on October 8-9, 2020 at the NSTU named after R. E. Alekseev. The fifth seminar traditionally brings together specialists in the field of all types of transport, designers, testers, manufacturers, teachers, representatives of student design bureaus, as well as postgraduates, undergraduates and students studying in areas related to the topic of the seminar. In 2020, the seminar is dedicated to the 85th anniversary of the Department "Cars and tractors". The seminar is organized by the Nizhny Novgorod scientific and practical school of transport snow science of NSTU named after R. E. Alekseev.

Main directions of the seminar

- Nizhny Novgorod scientific and practical school of transport snow science
- Mobility of transport and technological machines
- Wheeled and tracked vehicles
- Road, construction and lifting vehicles
- Agricultural tractors and machines, machinery for forestry
- Military and special equipment
- Unmanned ground vehicles for military purposes, space research and work in aggressive environments
- Terramechanics, the interaction of thrusters with the tracks
- Drivers of transport vehicles
- Amphibious and floating transport and technological machines
- Vehicle modeling and dynamics
- Transport planning and modeling, transport infrastructure development
- Intelligent transport system

The format of the seminar includes listening to reports, a poster session, discussion of issues related to the creation of highly efficient transport and technological means that provide the necessary level of mobility while ensuring traffic safety and performing technological operations, terramechanics, transport planning and modeling.

The format of participation in the seminar is face-to-face with personal presence or via online communication.

The workshop program will be published shortly before the event.

Publication of the seminar materials:

The materials of the seminar will be recommended for publication in the IOP Conference Series, "Proceedings of the NSTU named after R. E. Alekseev", "Transport systems", "Terrain-Machine-Man".

Additional information, contacts, requirements for the design of articles and conditions for their publication are specified in the information letter.