



INTERNATIONAL STUDENT SEMINAR ON MECHANICAL ENGINEERING, MECHATRONICS, ARMAMENT AND AEROSPACE 2024



We would like to cordially invite Students and Doctoral Students to participate in the seminar of the students' associations of FME and FMAA to be held from **08 to 10 May 2024** at the FMAA Auditorium. The event will be an excellent opportunity to present the results of the research, exchange ideas and establish cooperation in future research projects.

SEMINAR TOPICS

The main topics of the seminar will include issues in the area of **mechanical engineering, armaments, aviation and logistics** related to:

- mechanics, construction and operation of construction and road engineering machines, motor vehicles and internal combustion engines, electric vehicles and vehicles powered from renewable energy sources;
- construction of industrial and mobile robots and unmanned platforms;
- navigation, image recognition algorithms in UAV;
- designing parts of machines in CAD/CAM/CAE systems;
- modern methods of additive manufacturing;
- road safety issues;
- problems of transport and mobility of people with special needs;
- computer simulation techniques in the field of materials and construction research;
- biomedical engineering, human movement analysis;
- supply, production and distribution logistics;
- logistic infrastructure;
- virtual reality technologies;
- automatics, programming and applications;
- construction, operation, design and maintenance of firearms;
- internal, external and final ballistics;
- armament and land, air and sea technology;
- satellite launch rockets;
- reconstruction of historical objects of military technology.

The official language at the seminar are English and Polish!

APPLICATION

To register your participation in the seminar,
please fill in the application form: <https://forms.gle/dN9PjkkjYTstoVcA6>



IMPORTANT DATES

- **01 April 2024** submission of applications and abstracts
- **08-10 May 2024** Seminar of the Students' Associations

Contact person: Lt Col Krzysztof Gocman Ph.D. Eng.,
email: krzysztof.gocman@wat.edu.pl, tel.: +48 261-837-711