

Military Institute of Armoured and Automotive Technology



invites you to

XIV International Scientific Conference



EKSPLOBALIS_2025

"Innovative technologies and military equipment for the modern Polish Armed Forces"

under the planned one honorary patronage:

**the Minister of National Defense
the Minister of Science and Higher Education
the Minister of Development and Technology
the Head of the National Security Bureau
the President of Polish Armaments Group S.A.
the Director of the National Center for Research and Development**

on May 19-21, 2025

Information about the Conference:

<http://www.eksplobalis.witpis.eu>

Internet Reports:

https://eksplobalis.witpis.eu/?page_id=1111

Announcement No 1

Conference

The theme of this year's conference focuses on presenting modern technologies and military equipment, with particular emphasis on innovative solutions in the area of wheeled and tracked vehicles, armored equipment, armaments, as well as the development of other systems, such as unmanned land vehicles, aircraft (drones), or autonomous reconnaissance systems, which provide the basis for increasing the defense capabilities, military mobility, operational effectiveness and combat readiness of the Polish Armed Forces. The conference will pay special attention to issues related to strengthening the eastern flank of NATO, integration of new weapon systems, troop mobility and automation in the army under the East Shield program.

Conference Topics:

- use of innovative solutions in the operation of armoured vehicles, tanks, UGVs and other combat systems,
- automation and autonomy of military equipment,
- modern systems for monitoring the technical condition and diagnostics of military equipment,
- modern radar systems and autonomous technologies in air defence systems,
- use of drones and unmanned reconnaissance systems in military operations, including special operations,
- increasing mobility and flexibility of the fleet - modern maritime defence systems,
- integration of modern means of transport and military equipment in military operations,
- advanced anti-aircraft and anti-missile defence systems in the Polish Armed Forces,
- use of 3D printing technology in defence - innovations in the production of military equipment and spare parts,
- logistics - operation of equipment and supply chain management in the Polish Armed Forces,
- innovations in security engineering.

Scientific Committee

Col. Dr. Eng. Michał Ceremuga - WITPiS – Chairman
Secretary of State - Lt. Gen. Dr. Eng. Dariusz Lukowski – National Security Office
Prof. Dr. Hab. Eng. Jerzy Małachowski - Military University of Technology
Prof. Dr. Hab. Eng. Marianna Jacyna - PW
Col. Prof. Dr. Hab. Eng. Tomasz Jałowicz – ASzWoj
Prof. Dr. Hab. Eng. Andrzej Żyluk – ITWL
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Prof. Dr. Hab. Eng. Andrzej Swiderski – ITS
Prof. Dr. Hab. Dariusz Kozerański – Jagiellonian University
Lt. Gen. Dr. Sławomir Wojciechowski – NATO and EU Headquarters
Brig. Gen. Dr. Eng. Michał Marciniak – Armament Agency
Brig. Gen. Marcin Gorka – Department of Innovation, Ministry of National Defense
Prof. Zdeněk Pokorný – University of Defense, Czech Republic
Prof. Marek Sukop – Technical University of Košice, Slovak Republic
Col. Dr. Hab. Eng. Mariusz Zieja, prof. ITWL – ITWL

Col. Dr. Hab. Eng. Mariusz Wesolowski, prof. WITPiS – WITPiS
Col. Dr. Eng. Paweł Sweklej – WITU
Dr. Hab. Eng. Mirosław Kowalski, prof. ITWL – ITWL
Dr. Hab. Eng. Marcin Szczepaniak – WITI
Dr. Hab. Eng. Sławomir Stepień, prof. PP – PP, ITWL
Dr. Hab. Eng. Paweł Gołda, prof. LAW – LAW
Dr. Hab. Eng. Jarosław Senko – PW
Dr. Hab. Eng. Przemysław Siminski, prof. WITPiS – WITPiS
Dr. Hab. Eng. Lech Starczewski, prof. WITPiS – WITPiS
Dr. Hab. Eng. Jerzy Jackowski, prof. WAT – WAT
Dr. Hab. Eng. Agnieszka Wroblewska, prof. PP – PP
Dr. Hab. Eng. Dorota Burchart, prof. World Cup – World Cup
Dr. Hab. Eng. Jarosław Marcisz, prof. IMŻ – Lukaszewicz IMŻ Network
Dr. Hab. Eng. Grzegorz Roslan, prof. PR – PR
Dr. Hab. Eng. Wojciech Żurawski, prof. UTH – UTH in Radom
Dr. Eng. Jacek Borkowski
Dr. Eng. Bogusław Kot – WiChIR
Dr. Eng. Tomasz Wasniewski – WAT
Lt. Col. Dr. Eng. Jarosław Konczak – WITPiS
Lt. Col. Dr. Eng. Krzysztof Kosciuczenko – WITPiS
Lt. Col. Dr. Eng. Krzysztof Blacha – ITWL
Lt. Col. Dr. Eng. Robert Sosnowicz – WITPiS
Dr. Eng. Marek Szudrowicz – WITPiS
Dr. Eng. Marek Nowakowski – WITPiS
Dr. Eng. Włodzimierz Kupicz – WITPiS
Dr. Eng. Grzegorz Pawlak – WITPiS
Dr. Eng. Marcin Mieten – WITPiS

Calendar

March 12, 2025 – the date of opening the registration of participants

April 28, 2025– deadline for submitting topics and abstracts of articles

May 10, 2025 – the date of payment of the participation fee in the conference

June 30, 2025 - deadline for sending finished articles

Participation costs

The conference fee is **PLN 2,700/net** and includes:

- participation in the conference
- accommodation in a single room
- full board during the conference
- conference materials

Organizing committee

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Conference venue

Conference and Recreation Center Palace and Folwark Lochow:

Str. Marii Konopnickiej 1 i10

07-130 Lochow, Poland

<https://www.palacifolwarklochow.pl/>

Planned media patronage of the conference