Military Institute of Armoured and Automotive Technology

invites you to

XIII International Scientific Conference

EKSPLOBALIS_ 2024

„DEFENSE TECHNOLOGIES – innovative solutions of modern military equipment"

under the planned one honorary patronage:

**National Security Bureau
Polish Armaments Group S.A.**

on May 27-29, 2024.

Information about the Conference:
http://www.eksplobalis.witpis.eu

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

Conference

The theme of this year's conference focuses on the dynamic development of military technologies in the context of national defense and security, with an emphasis on innovation, autonomy, autonomization, artificial intelligence and cybersecurity. The event aims to show the prospects for technological transformation and adaptation of military equipment to the rapidly changing realities of the modern battlefield. The issues discussed during the conference will concern all elements of military technology, including:

- current battlefield challenges,
- evolution of combat vehicles (wheeled and tracked),
- unmanned systems and their dynamic development,
- the use of artificial intelligence in combat vehicles,
- new weapon systems and military equipment,
- virtualization of military technology,
- modern technologies and construction materials,
- cyber security,
- operational problems of military technology,
- diagnostics in maintaining the suitability of military equipment,
- innovations in safety engineering.

Scientific Committee

Col. Dr. Eng. Michał Ceremuga - WITPiS - Chairman
prof. dr hab. Eng. Marianna Jacyna - PW
Col. Prof. dr hab. Eng. Tomasz Jałowiec – ASzWoj
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prof. dr hab. Eng. Marek Kułażyński – PWr
prof. dr hab. Eng. Andrzej Swiderski – ITS
prof. dr hab. Dariusz Kozerawski – Jagiellonian University
Lt. Gen. Dr. Sławomir Wojciechowski – NATO and EU Headquarters
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Brig. Gen. Dr. Eng. Michał Marciniak – Armament Agency
Brig. Gen. Marcin Górka – Department of Innovation, Ministry of National Defense
Col. Jacek Najs – Innovation Department of the Ministry of National Defense
prof. Zdeněk Pokorný – University of Defense, Czech Republic
prof. Marek Sukop – Technical University of Košice, Slovak Republic
Col. Ph.D. engineer Mariusz Zieja, prof. ITWL – ITWL
Col. Ph.D. engineer Mariusz Wesołowski, prof. WITPiS – WITPiS
Col. Dr. Eng. Paweł Sweklej – WITU
Ph.D. engineer Mirosław Kowalski, prof. ITWL – ITWL
Ph.D. engineer Sławomir Stępień, prof. PP-PP
Ph.D. engineer Paweł Gołda, prof. LAW – LAW
Ph.D. engineer Przemysław Simiński, prof. WITPiS – WITPiS
Ph.D. engineer Lech Starczewski, prof. WITPiS – WITPiS
Ph.D. engineer Jerzy Jackowski, prof. WAT – WAT
Ph.D. engineer Agnieszka Wróblewska, prof. PP-PP
Ph.D. engineer Dorota Burchart, prof. World Cup – World Cup
Ph.D. engineer Jarosław Marcisz, prof. IMŻ – Łukasiewicz IMŻ Network
Ph.D. engineer Grzegorz Rosłan, prof. PR – PR
Ph.D. engineer Wojciech Żurowski, prof. UTH – UTH in Radom
Dr. Eng. Jacek Borkowski
Dr. Eng. Marcin Szczepaniak – WITI
Dr. Eng. Bogusław Kot – WIChiR
Dr. Eng. Tomasz Waśniewski – WAT
Lt. Col. Dr. Eng. Krzysztof Kosiuczenko – WITPiS
Lt. Col. Dr. Eng. Robert Sosnowicz – WITPiS
Lt. Col. Dr. Eng. Krzysztof Blacha – ITWL
Major Dr. Eng. Jarosław Kończak – WITPiS
Dr. Eng. Marek Szudrowicz – WITPiS
Dr. Eng. Zbigniew Ciekot – WITPiS
Dr. Eng. Marek Nowakowski – WITPiS
Dr. Eng. Włodzimierz Kupicz – WITPiS

Publications

After positive reviews, the articles prepared and presented during the conference will be published in the scientific monograph EKSPLOBALIS_2024.
Detailed conditions of participation in the conference, instructions for authors and organizational information will be presented in Announcement No. 2.

Calendar

March 20, 2024 – the date of opening the registration of participants
April 28, 2024 – deadline for submitting topics and abstracts of articles
May 10, 2024 – the date of payment of the participation fee in the conference
June 30, 2024 - deadline for sending finished articles

Participation costs

The conference fee is **PLN 2,500/net** and includes:
- participation in the conference
- accommodation in a single room
- full board during the conference
- conference materials

Attention! The cost of participation with accommodation in a double room is **PLN 2,300 net.**

Organizing committee

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Conference venue

Hotel Windsor in Jachranka:
Jachranka 75
05-140 Serock, Poland
https://windsorhotel.pl/

Planned media patronage of the conference