

PATRONI HONOROWI / HONORARY PATRONS



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Program on 07/12/2023

9.00 – 9.15 a.m. OPENING CERMONY

Brig. Gen pilot Cezary Wiśniewski, Deputy General Commander of Polish Armed Forces
Brig. Gen pilot Krzysztof Cur, PhD, Eng, Rector-Commandant, Polish Air Force University

9.15 – 9.30 a.m. INTRODUCTORY ADDRESS

Brig. Gen pilot Krzysztof Cur, PhD, Eng, Rector-Commandant, Polish Air Force University
„Development strategy for Poland’s military aviation in the face of contemporary global challenges”

MILITARY SEGMENT - A

9.30 – 10.30 a.m. SESSION 1 A - SHAPING NATIONAL AIR SECURITY IN CONDITIONS OF MILITARY AND NON-MILITARY THREATS

- *Diagnosis and prognosis of military and non-military air threats*
- *The air force's role in shaping air security. The national and international context*
- *The Polish Air Force's transformation from the point of view of the country's defence needs and economic potential*
- *Experience from air force involvement in the war in Ukraine*
- *Possibilities of helping and supporting Ukraine in terms of aircraft deliveries and flight personnel training*
- *Forming Poland's air and anti-missile defence capabilities*

Moderator: Tomasz Smura, Casimir Pulaski Foundation

Invited Guests (in alphabetical order):

Brig. Gen. pilot Robert Cierniak Chief of the Military Aviation Authority
Brig. Gen. Kazimierz Dyrński, Head of the Air and Missile Defence Department, Deputy Inspector of the Armed Forces Services, Polish Armed Forces General Command
Lieut. Col. Arkadiusz Grzegorowski, Commander of 37th Air Defence Missile Squadron
Col. Damian Hanc, Chief Specialist, Armed Forces Development Planning and Programming Directorate – P5, General Staff of the Polish Armed Forces
Joanna Kluzik-Rostkowska, Vice Chairwoman of the Parliamentary Committee of National Defence
Major Gen. pilot Dariusz Malinowski, Deputy Commander, Operational Command of the Armed Forces
Adam Radomyski, PhD hab., professor LAW, Polish Air Force University
Lieutenant Gen. pilot (res.) Jan Śliwka, Air Force Institute of Technology
Brig. Gen pilot Cezary Wiśniewski, Deputy General Commander of Polish Armed Forces

10.30 – 10.45 a.m. break

10.45 – 12.00 SESSION 2 A - AIR FORCE DEVELOPMENT IN THE MID AND LONG TERM

- *Airplanes for the air force: modernisation and acquisitions*
- *New airplanes for the Polish Armed Forces; what's in store for F-16, SU-22, MIG-29 aircraft*
- *Advanced air force reconnaissance, combat and automated command systems*
- *Changes in the education and training of Polish Air Force staff*
- *Technologies of the future in military aviation and implementation for the Polish Air Force*
- *Prospects for satellite imaging systems for the Polish Air Force*

Moderator: Witold Sokół, Polish Air Force University

Invited Guests (in alphabetical order):

Brig. Gen pilot Krzysztof Cur, PhD, Eng, Rector-Commandant, Polish Air Force University
Brig. Gen. (ret.) Adam Duda, Head of the Armaments Inspectorate in the years 2015–2017

CYWILIAN SEGMENT - B

9.30 – 10.30 a.m. SESSION 1 B – CENTRAL TRANSPORT HUB (CPK): BEFORE THE WATERSHED

- *How can Poland win the battle for transit and cargo traffic?*
- *Does it make sense to expand Chopin Airport? Double airport, Modlin, low-cost carriers.*
- *Can money be made from the Central Transport Hub (CPK)?*
- *Political or expert audits?*
- *Managing the CPK. The CPK as a capital group.*

Moderator:

Invited Guests (in lphabetical order):

Krzysztof Bosak, Vice Marshall of Polish Sejm
Cezary Grabarczyk, Minister of Infrastructure in the years 2007–2011
Marcin Horała, Secretary of State, Ministry of Development Funds and Regional Policy, Government Plenipotentiary for the Solidarity Transport Hub for Poland
Tomasz Kłoskowski, President of the Board, Gdansk Airport
Paulina Matysiak, Vice Chairwoman of the Parliamentary Committee on Infrastructure
Anna Midera, President of the Board, Lodz Airport
Tomasz Szymczak, Acting President, Warsaw Modlin Airport
Stanisław Wojtera, President of the Board, Polish Airports, Member of the Board ACI Europe
Wojciech Warski, "Team Europe"

10.30 – 10.45 a.m. break

10.45 – 12.00 SESSION 2 B - NEW TECHNOLOGIES IN AIRSPACE MANAGEMENT AT AIRPORTS AND TRAFFIC CONTROL: CIVILIAN AIRPORT SECURITY

- *Threats to air transport safety and security: Current status and development*
- *Coordinating unmanned aerial vehicle traffic in Polish airspace*
- *The security situation of airports. Contemporary threats to civilian airport safety and security*
- *New technologies in air traffic management*
- *Advanced technical solutions used in civilian airport protection*
- *Airport services and airport security*
- *Air traffic safety and security*

Moderator: Jarosław Paszyn, President of Polish Aviation Club

Invited Guests (in alphabetical order):

Piotr Czech, eng. PhD, Responsible Director, Chopin Airport

17TH INTERNATIONAL CONFERENCE AND EXHIBITION NEW GENERATION AVIATION
7TH DECEMBER 2023 WARSAW NOVOTEL HOTEL WARSZAWA AIRPORT

Brig. Gen. Pilot Ireneusz Nowak, Inspector of the Air Force, Air Force Inspectorate, General Command of the Armed Forces
Gen. (res.) pilot Jan Rajchel, former Rector-Commandant of the Polish Air Force University
Lieutenant Gen. pilot (res.) Jan Śliwka, Air Force Institute of Technology

Presentation:



„Using AI to produce aviation data and information based on satellite imaging” -
Paweł Ziemba, President of the Management Board, KPGeo Sp. z o.o.

12.00 – 12.30 p.m. break

12.30 – 13.30 p.m. SESSION 3 A - MILITARY AIRBASE INFRASTRUCTURE AND MODERN AIRCRAFT SERVICE SYSTEMS

- *New technologies in air traffic control system*
- *Radar control around military airfields*
- *New technologies in airbase security*
- *Adaptation and expansion of airbase infrastructure for the incorporation of new aircraft into the air force (FA-50, F-35, Saab 340 AEW, AW-149, AH-64E Apache Guardian)*

Moderator: **Adam Radomski, PhD hab., professor LAW**, Polish Air Force University

Invited Guests (in alphabetical order):

Paweł Poncyłjusz, MP in the Sejm of the 4th, 5th, 6th and 9th terms
Col. Pilot Łukasz Piątek, Commander, 31st Tactical Aviation Base
Andrzej Sarna, PhD, Polish Air Force University
Michał Skakuj, PhD, Subject Matter Expert, Advanced Protection Systems S.A.
Dariusz Wichniarek, VP Business Development, Advanced Protection Systems SA

Presentations:



„APS’s SKYctrl Systems in Protecting Civilian and Military Airports” - **Dariusz Wichniarek**, VP Business Development, Advanced Protection Systems SA



„Mobile Aircraft Hangars” - **Stanisław Wesołowski**, Manager, REKORD Hale Namiotowe Sp. z o.o.

Janusz Cwiklak, PhD hab. Eng., PAFU Professor, Polish Air Force University
Associated Professor Paweł Gołda, PhD, Eng., Deputy Rector for Scientific Affairs, Polish Air Force University
Prof. Marek Grzegorzewski, PhD hab. Eng., Polish Air Force University
Michał Kozłowski, Vice President for Aviation Infrastructure, Civil Aviation Authority
Sebastian Mikosz, Advisor of the Board for Civil Infrastructure, Advanced Protection Systems SA
Czesław Romek, Senior Specialist for UAVs and Counter-Drone Systems, Polish Air Navigation Services Agency
Radosław Włoszek, President of the Board, Kraków Airport

12.00 – 12.30 p.m. break

12.30 – 13.30 p.m. SESSION 3 B – AIRLINES AND AIRPORTS, THE CIVILIAN AVIATION SECTOR IN EUROPE

- *The right structure for the aviation market: From point-to-point to hub*
- *The cargo market: Life raft for aviation?*
- *Business and climate goals of airlines: Fit for 55 and sustainable aviation fuel*
- *European legal regulations: How far should passenger protection go?*
- *How have airlines changed after the pandemic?*
- *The Ukraine war’s impact on airline strategies: The effects of the war and changing route networks*
- *Training of personnel for civilian air transport*

Moderator: **Tomasz Szymczak**, Acting President, Warsaw Modlin Airport

Invited Guests (in alphabetical order):

Piotr Czech, eng. PhD, Responsible Director, Chopin Airport
Łukasz Chaberski, Director of the Bureau, Government Plenipotentiary for the Solidarity Transport Hub for Poland Bureau
Sylwia Iwańczuk, Member of the Board, Orlen Aviation
Tomasz Kłoskowski, President of the Board, Gdansk Airport
Rafał Milczarski, LOT CEO in the years 2016-2022
Marek Pierściński, Commercial Director, Lublin Airport
Mikołaj Wild, CEO, CPK
Agnieszka Wójcik-Gołębiowska, Country Manager CEE & Baltics Ryanair
Małgorzata Żmigrodzka, PhD, Polish Air Force University

Presentation:



„The future of checkpoints and passenger screening at civil airports: challenges and solutions” – **Paweł Woszczyk**, NUCTECH

13.30 – 13.45 p.m. break

17TH INTERNATIONAL CONFERENCE AND EXHIBITION NEW GENERATION AVIATION

7TH DECEMBER 2023 WARSAW NOVOTEL HOTEL WARSZAWA AIRPORT

13.45 – 15.00 p.m. SESSION 4 A – HELICOPTER AVIATION FOR THE POLISH ARMED FORCES AND FORMATIONS ACCOUNTABLE TO THE MINISTRY OF INTERIOR AND ADMINISTRATION

- Which helicopters for the Polish Armed Forces and formations accountable to the Ministry of the Interior and Administration
- Modernisation needs
- Training needs
- Maintenance and technical service facilities

Moderator: Krzysztof Wilewski, Polska Zbrojna

Invited Guests (in alphabetical order):

Maj. Ariel Jakubowski, 25th Air Cavalry Brigade

Jacek Libucha, President of the Management Board, PZL Świdnik S.A.

Col. Tomasz Polus, MSc Eng., Head of the Aviation Technology Board, Polish Armed Forces Support Inspectorate

Insp. Robert Sitek, Head of the Police Aviation Board, National Police Headquarters

Lt. Col. Andrzej Ślusarz, Aviation Section, Special Forces Component Command

Presentation:



“New Helicopter Programmes in the Polish Armed Forces” - Jacek Libucha, President of the Management Board, PZL-Świdnik S.A.

15.00 – 15.10 p.m. break

15.10 – 16.15 p.m. SESSION 5 A – UNMANNED AERIAL SYSTEM DEVELOPMENT IN THE 21ST CENTURY

- Possible unmanned aerial system development directions in terms of equipment, ground control stations, and communication systems
- Threats posed by drone swarms and possible countermeasures
- Experience from the war in Ukraine in the use of unmanned aerial vehicles and loitering munitions (kamikaze drones)
- Systems for combating unmanned aerial vehicles

Moderator: Associated Professor Adam Wetoszka, PhD Deputy Rector for Student Affairs, Polish Air Force University

Invited Guests (in alphabetical order):

Lieut. Col. Arkadiusz Grzegorowski, Commander of 37th Air Defence Missile Squadron

Brig. Gen. (retired) Pilot Ryszard Hać, PhD Eng., PAFU Professor, Polish Air Force University

Col. (retired) Andrzej Marciniuk, PhD, Polish Air Force University

Col. Tomasz Polus, MSc Eng., Head of the Aviation Technology Board, Polish Armed Forces Support Inspectorate

Grzegorz Trzeciak, Director of Unmanned Technology Center, Łukasiewicz Research Network – Institute of Aviation

*organizer reserved the right to change the programme

13.45 – 15.00 p.m. SESSION 4 B – OUTER SPACE: CIVILIAN UTILISATION OF OUTER SPACE. SATELLITES AND SATELLITE IMAGING SYSTEMS

- Visible light satellites and SAR satellites
- Possibilities for using platforms in outer space for navigation, civilian communications and imaging
- Implementation of satellite imaging in agriculture: Water use optimisation and drought prevention
- Using satellite systems in the national economy
- Poland's experience and achievements in the use of outer space

Moderator: Paweł Ziemnicki, Head of Association Bureau at Polish Space Industry Association

Invited Guests (in alphabetical order):

Tomasz Kusowski, CEO&Co-Founder, EYCORE

Adam Okniński, PhD Eng., Director of the Space Technology Center, Łukasiewicz Research Network – Institute of Aviation

Jolanta Orlińska, Director, Earth Observation Department, Polish Space Agency

Paweł Poncyljusz, MP in the Sejm of the 4th, 5th, 6th and 9th terms

Witold Witkiewicz, CEO, ICEYE Polska Sp. z o.o

Paweł Wojtkiewicz, President of the Board, Polish Space Industry Association

16.15. p.m. CLOSING OF THE CONFERENCE