

Conference Agenda

Tuesday, 8 October 2024

17:00–18:00 Registration

18:00–21:00 Icebreaker

Wednesday, 9 October 2024

08:00–09:00 Registration

09:00–16:00 Director's Opening Remarks
Keynote Address
Conference Panels 1 and 2

16:00–17:30 Industry Tour and Presentations

19:00–21:00 Networking Dinner

Thursday, 10 October 2024

08:00–09:00 Registration

09:00–16:00 Keynote Address
Conference Panels 3 and 4
Director's Closing Remarks

Please note that this agenda is subject to change. Visit our website for the latest agenda and the line-up of confirmed speakers and panellists.

Join us at Congress Centre Essen, Germany:

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Why You Should Attend

Join us as renowned experts from the political, academic, military, and business spheres come together to engage in four themed panels. These panels will delve into the challenges and questions raised within this trifold, exploring how the Alliance and its partners can evolve and leverage Air and Space capabilities to enhance and sustain NATO's three core tasks of Collective Defence, Crisis Management, and Cooperative Security.

This event offers a unique opportunity to hear from senior military and civilian leaders from across NATO and various nations on these critical topics. Attendees will have the chance to engage with these experts and contribute to a robust discussion. Don't miss out on this invaluable opportunity to gain insights and make a meaningful impact in the realm of international security.

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Challenges and Opportunities for Air and Space Power in an Evolving Security Environment

8–10 October
2024
Congress Centre
Essen, Germany



Joint Air Power Competence Centre



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1 A World Reshaped: Navigating the Ripple Effects of Shifting Power Dynamics

As global security changes, how will NATO adapt to evolving relationships, new conflicts, and emerging technology? Smaller countries and terrorist organizations have shown that small but sensational acts can have an disproportional impact on the global economy, requiring NATO to look beyond its traditional area of interest. This panel will discuss the changing landscape of warfare and the need for our alliance to adapt in order to effectively deter and prevail in future conflicts.

2 Battlefield Evolution: The Role of Joint Air and Space Power in Contemporary Conflict

Ukraine's superior innovation compared to Russia has allowed them to maintain their OODA (Observe, Orient, Decide, and Act) loops and ISR capabilities, enabling their much smaller military to impose significant cost



on the enemy. Contemporary conflict capitalizes on connectivity, resulting in campaigns that create effects in the physical, cognitive, and virtual dimensions at speeds that continue to accelerate. How will NATO adapt to effectively carry out operations that surpass, outmanoeuvre, and outsmart our adversaries across all domains?

3 Contested Air Superiority: Adapting to the Drone and Missile Age

The proliferation of advanced drones, loitering munitions, and precision missiles represents a pivotal shift, challenging the conventional paradigms of air dominance. This panel will convene a diverse group of experts to delve into the various implications of these technologies on strategic, operational, and tactical levels. Our

goal is to offer valuable insights to navigating the complexities of modern air warfare, promoting a comprehensive understanding of how forces can sustain operational advantage in an increasingly contested airspace. Join us in this crucial dialogue on modern air warfare and shaping the future of aerial combat.

4 The Role of Industry: Bolstering Deterrence Through Enhanced Capabilities

Our concluding panel will explore the defence sector's role in enhancing NATO Allies' credible strength by maintaining the necessary production capacity for defence in times of peace, crisis, and the preparation for conflict escalation. How can industry best assist NATO to meet its needs for emerging technologies and innovate at a pace faster than the changing nature of warfare? Sustaining our technological advantage requires a combination of military and industrial ingenuity, both in terms of processes and capabilities. What is industry's perspective on how we can uphold our technological superiority?