Day 1 (Tuesday, OCT 20)

Programme as of: Nov 22, 2026, 13:42

Stage 1

09:00 – 10:00 **Morning Coffee**

10:00 Opening Ceremony
Chair: Dr. Olaf Günnewig, Head of Business Development, diondo GmbH

10:00 – 10:10 AIRTEC
Welcome from the Management Board – AIRTEC 2026
IGF Innovative Global Fairs GmbH
Diana Schnabel, Exhibition Management Airtec 2026

10:10 – 10:20 AIRTEC
Welcome Address by the Lord Mayor of the City of Augsburg
City of Augsburg
Dr. Florian Freund, Lord Mayor

10:20 – 10:30 AIRTEC
Welcome Address by the Honorary Consul of Ukraine
Honorary Consulate of Ukraine in Augsburg
Philipp Blobel, MBA, Honorary Consul of Ukraine

10:30 – 10:40 AIRTEC
Welcome Address
Federal Office of Bundeswehr Equipment, Information Technology and In-Service Support (BAAINBw)
Brigadier General Michael Bender, Commissioner for Special Tasks to the Executive Board

10:40 – 10:50 AIRTEC
Accelerated innovation cycles - requirements for technological developments
Lieutenant General (ret.) Andreas Hoppe, Former Vice Chief of Defence, German Armed Forces (Bundeswehr)

10:50 – 12:05 **Lunch Break**

12:05 Weeks, Not Years: Ukraine's Drone War and the New Speed of Defence
Chair: Dr. Olaf Günnewig, Head of Business Development, diondo GmbH

Stage 2

09:00 – 10:00 **Morning Coffee**

10:00 – 11:00 **No programme on this stage during Opening Ceremony.**

11:00 – 12:00 **Lunch Break**

12:00 Session I – Securing the Airspace: European and National Approaches to Drone and Counter-UAS Security
Chair: Torsten Kretschmann, Chairman Counter UAS working group at DIN (DIN 5452-9), kretsch.norm

12:00 – 12:05 Counter-UAS
Overview & Introduction – Securing the Airspace
kretsch.norm
Torsten Kretschmann, Chairman Counter UAS working group at DIN (DIN 5452-9)

Stage 3

09:00 – 10:00 **Morning Coffee**

10:00 – 11:00 **No programme on this stage during Opening Ceremony.**

11:00 – 12:00 **Lunch Break**

12:00 New Aero: Perspectives & Opportunities
Chair: Mike Hirschberg, Founder & Principal, H2 Advisors, LLC

12:00 – 12:05 AIRTEC
Overview & Introduction – New Aero: Perspectives & Opportunities
H2 Advisors, LLC
Mike Hirschberg, Founder & Principal

● Stage 1

12:05 – 12:30 DefenceTec
The war in Ukraine: Rethinking modern warfare and the speed of defence innovation
Lieutenant General (ret.) Andreas Hoppe, Former Vice Chief of Defence, German Armed Forces (Bundeswehr)

12:30 – 12:55 DefenceTec
From Frontline Innovation to Industrial Scale: The Case for German-Ukrainian Defence Cooperation
Honorary Consulate of Ukraine in Augsburg
Philipp Blobel, MBA, Honorary Consul of Ukraine

12:55 – 13:20 DefenceTec
From Requirements to Operational Impact: Accelerating Defence Procurement for the German Armed Forces
Federal Office of Bundeswehr Equipment, Information Technology and In-Service Support (BAAINBw)
Brigadier General Michael Bender, Commissioner for Special Tasks to the Executive Board

13:20 – 13:45 DefenceTec
Innovation, Geschwindigkeit und Wirkung – Luft- und Raumfahrttechnologie für Verteidigungsfähigkeit nutzen (Vortrag in deutscher Sprache)
Bundeswehr (German Federal Armed Forces)
Colonel (GS) Schumacher, Innovation Center of the Bundeswehr (InnoZBw), Erding

● Stage 2

12:05 – 12:40 Counter-UAS
From Drone Risk to Operational Resilience: The EUROCONTROL DINOS WG Journey
EUROCONTROL
Stijn De Graaff, Operational Safety Specialist, Safety Unit, Network Manager Directorate

12:40 – 13:05 Counter-UAS
Airspace Information Superiority as a Core Element of the Drone Action Plan
DFS Deutsche Flugsicherung GmbH
Lukas Leisching, Organisational Development & Strategy Manager

13:05 – 13:20
Panel discussion

13:20
Session II – Balancing Security and Innovation: Counter-UAS integrated into the Airspace
Chair: Torsten Kretschmann, Chairman Counter UAS working group at DIN (DIN 5452-9), kretsch.norm

13:20 – 13:45 Counter-UAS
Rapid Counter UAS Procurement at a multi-national level
NATO Support and Procurement Agency (NSPA)
Bryan Ingram, Communications, Cryptography, and Electronic Warfare Systems Manager
NATO Support and Procurement Agency (NSPA)
Michael Tholl, Communications, Cryptography, and Electronic Warfare Technical Officer

● Stage 3

12:05 – 12:20 AIRTEC
A Global Overview of Electric Aviation
Flying Pages GmbH
Willi Tacke, CEO

12:20 – 12:35 AIRTEC
America's AAM Opportunity
National AAM Center of Excellence
Lindsey Tima, Project Coordinator

12:35 – 12:50 AIRTEC
VTOL Research at TUM
Technical University Munich
Prof. Ilkay Yavrucuk, Chair, Rotorcraft and Vertical Flight

12:50 – 13:05
Q&A / Panel Discussion

13:05 – 13:25
Coffee Break

13:25
New Aero: Electric Aircraft Progress
Chair: Willi Tacke, CEO, Flying Pages GmbH

13:25 – 13:30 AIRTEC
Overview & Introduction – New Aero: Electric Aircraft Progress
Flying Pages GmbH
Willi Tacke, CEO

13:30 – 13:45 AIRTEC
2-Hour Mission Endurance in Electric Training Aircraft: Design Strategies
Milan Aircraft Ltd
Martin Stierli, Co-Founder, Head of Marketing

● Stage 1

13:45 14:10 DefenceTec
Resilient Navigation for Defence: Navigating Beyond GPS
QOODA GmbH
Dr. Björn Pötter, CEO & Co-Founder

14:10 14:25 **Coffee Break**

14:25 **Sovereign by Design: Supply Chains, Sites and Production Without Dependencies**
This session has no session chair. Speakers may briefly introduce themselves.

14:25 14:50 DefenceTec
Localization in Europe at the Example of F-35
RHEINMETALL
Marco Hüging, Head of Supply Chain Management Aeronautical Systems

14:50 15:15 DefenceTec
Beyond the fence: Resilient defense sites to meet evolving security requirements (working title)
Siemens AG
Markus Niederberger, Head of Security

15:15 15:40 DefenceTec
Strengthening European Sovereignty and Defense Capabilities Through Additive Manufacturing
EOS GmbH Electro Optical Systems
Michael Wohlfart, Team Manager Business Development & Academy

15:40 16:05 DefenceTec
Additive Manufacturing in the German Navy
CTC GmbH (An AIRBUS Company) & HSU Helmut-Schmidt-Universität/Universität der Bundeswehr Hamburg
Fabian Mussbach, Doctoral Researcher

16:05 16:30 DefenceTec
Powering Mission-Critical Defence Applications: Advanced Battery Technologies with NDAA-Aligned Supply Chain for UAVs, ISR Platforms and Space Systems
CustomCells GmbH
Andreas Löhrke, CTO

● Stage 2

13:45 14:10 Counter-UAS
Two-Way Defence Partnerships: Building a New European Defence Industrial Base
TAF Industries
Mykhailo Diachenko, Chief Business Development Officer (CBDO)

14:10 14:35 Counter-UAS
Counter UAS – International Cooperation: Defending Allied Supply Infrastructure Against Hybrid Threats, Sabotage, and State Aggression with Allied Sensor Networks, Transnational Technology Integration and Multilateral Operational Governance
ARGUS INTERCEPTION GmbH
Bernd Wilden, Senior Business Development Manager

14:35 14:50 **Panel discussion**

14:50 15:05 **Coffee Break**

15:05 **Session III – Building Confidence in Counter-UAS Systems**
Chair: Torsten Kretschmann, Chairman Counter UAS working group at DIN (DIN 5452-9), kretsch.norm

15:05 15:30 Counter-UAS
Balancing Counter-UAS Measures and Legitimate UAS Operations
UAV DACH e.V.
Johannes Hölzl, Head of Project Group Drone Detection and Countermeasures (UAV DACH); Managing Director, Walaris GmbH

15:30 15:55 Counter-UAS
The New Drone Security Technology Center in Cochstedt
German Aerospace Center (DLR), Institute of Flight Systems
Dr. Andreas Bierig, Acting Director of the Institute

15:55 16:15 Counter-UAS
Building Trust in Counter-UAS Systems Through Standards, Testing and Evaluation
kretsch.norm
Torsten Kretschmann, Chairman Counter UAS working group at DIN (DIN 5452-9)

16:15 16:30 **Panel discussion**

● Stage 3

13:45 14:00 AIRTEC
Unlocking Regional Air Mobility with the MD Aircraft MDA1 eViator
MD Aircraft GmbH
Howie Miller, Chief Strategy Officer

14:00 14:15 AIRTEC
Boosting VTOL Capabilities with CycloRotors for Defence and Logistics
CycloTech
Dr. Marcus Bauer, CEO

14:15 14:30 AIRTEC
Zuri: Hybrid-Electric Regional Mobility
Zuri
Michal Illich, Founder & CEO

14:30 14:45 AIRTEC
SkyDrive — Japan's Pioneering eVTOL
SkyDrive
Rohit Wariyar, International Business Development

14:45 15:05 **Q&A / Panel Discussion**

15:05 15:20 **Coffee Break**

15:20 **From Prototype to Production Line: Industrialising Aerospace at Speed**
This session has no session chair. Speakers may briefly introduce themselves.

15:20 15:45 AIRTEC
Enabling Defence Readiness Through Advanced Manufacturing
GROB Werke Mindelheim
Christian Seitel, Key Account Manager Aerospace
GROB Werke Mindelheim
Tobias Gödde, Team Lead Digital Products

15:45 16:10 AIRTEC
Automated adhesive film application for aerospace structures
Fraunhofer IFAM
Flavius Pavel, Research Associate

● Stage 1

16:30 16:55 DefenceTec
Winning Time: How Additive Manufacturing Changes Defense Logistics
Mark3D GmbH
Joachim Kasemann, CEO

16:55 17:20 DefenceTec
Zander – Accelerating Defence Manufacturing with Large-Scale 3D Printing and Composite Structures
Zeisberg Carbon GmbH
Marcel Zeisberg, CEO

17:20 17:45 DefenceTec
Solidarity in the war in Ukraine as an antidote to disinformation and hybrid warfare
Oannes Consulting
David Fuhrmann, Consultant

● Stage 2

16:30 Supply Chains under Fire: Geopolitics, Sanctions and Lessons from Ukraine
This session has no session chair. Speakers may briefly introduce themselves.

16:30 16:55 DefenceTec
How Ukraine's drone war is revolutionising warfare
Oannes Consulting
Oleksandr Prokopenko, Consultant

16:55 17:20 DefenceTec
Strategic safeguarding of supply chains from a geopolitical perspective
ComSIT Distribution GmbH
Müzeyyen Carrasco Demir, CEO

17:20 17:45 DefenceTec
The shadow market for semiconductors – global supply chains and national security
Oannes Consulting
Simon Jacob, COO ComSIT, CEO Oannes Consulting/GATL i. G.

● Stage 3

16:10 16:35 AIRTEC
Challenges of Fast Development for Lithium-Ion Batteries
KE-TEC GmbH
Roland Weixler, Founder & CEO

16:35 17:00 AIRTEC
Weeks rather than years: How automation, digitalisation and reconfiguration make industrial production scalable
INOYAD
Dr. Johannes be Isa, CEO

Day 2 (Wednesday, OCT 21)

Programme as of: Nov 22, 2026, 13:42

Stage 1

09:00 – 09:30 **Morning Coffee**

09:30 Composites in Aerospace – powered by Composites United / CU
Chair: Marc Fette, CEO, CTC GmbH (An AIRBUS Company)

09:30 – 09:35 AIRTEC
Welcome & Introduction – Composites in Aerospace
CTC GmbH (An AIRBUS Company)
Marc Fette, Chief Executive Officer (CEO)

09:35 – 10:00 AIRTEC
Resource efficiency in lightweight construction: An innovative approach to recycling prepreg waste in new component architectures
AIRBUS Helicopters
Bernd Demel, Senior eXpert – Overall Organic Materials & Processes

10:00 – 10:25 AIRTEC
Breaking the Volume Barrier: High-Rate Composite Manufacturing for Aerospace and UAVs
Mubea Aviation
Dr. Steffen Kress, Head of Business Development and Sales

10:25 – 10:50 AIRTEC
Load-path-optimized fiber placement and its potential for high-performance composite structures in aerospace & defence
BIONTEC - Bionic Composite Technologies AG
Martin Schrepfer, Sales Engineer

10:50 – 11:15 AIRTEC
Gradel Robotic Additive Manufacturing (GRAM) - The lightest way to build composite structures
GRADEL Light Weight SARL
Claude Maack, CEO

Stage 2

09:00 – 09:15 **Morning Coffee**

09:15 Session IV – Countering Drone Threats: Technologies, Operations and Future Capabilities
Chair: Torsten Kretschmann, Chairman Counter UAS working group at DIN (DIN 5452-9), kretsch.norm

09:15 – 09:20 Counter-UAS
Overview & Introduction – Countering Drone Threats
kretsch.norm
Torsten Kretschmann, Chairman Counter UAS working group at DIN (DIN 5452-9)

09:20 – 09:45 Counter-UAS
What must be done to establish a powerful, effective drone defense system?
Drone Defense Test Systems
Dr. Ludwig Frühauf, Founder and CEO

09:45 – 10:10 Counter-UAS
Protecting Critical Infrastructure Against Drone Threats: Operational Experience and Lessons Learned
Securiton Deutschland
Christoph Süß, Partnermanager Special Security Solutions

10:10 – 10:35 Counter-UAS
The Counter-Drone Living Lab: Testing and Evaluating Future C-UAS Capabilities
The German Aerospace Center (DLR)
Sebastian Cain, Project Coordinator

10:35 – 11:00 Counter-UAS
Counter-UAS as a Transformation Challenge: From Threat Awareness to Mission-Ready Capability
T60 Consulting GmbH
Alexander Plöger, Senior Project Manager Air Defence & Counter-UAS

11:00 – 11:15 **Panel discussion**

11:15 Session V – Introducing Technology
Chair: Torsten Kretschmann, Chairman Counter UAS working group at DIN (DIN 5452-9), kretsch.norm

Stage 3

09:00 – 09:30 **Morning Coffee**

09:30 New Aero: UAS & Defence Advancements
Chair: Prof. Florian Holzapfel, Chair, Flight System Dynamics Institute, Technical University Munich

09:30 – 09:35 AIRTEC
Overview & Introduction – New Aero: UAS & Defence Advancements
Technical University Munich
Prof. Florian Holzapfel, Chair, Flight System Dynamics Institute

09:35 – 09:50 AIRTEC
Odys Aviation Innovations for RAM, Defence, UAS and C-UAS
Odys Aviation
Oliver Reinhardt, Head of Design Organization

09:50 – 10:05 AIRTEC
Networks and Aircraft for Resilient Dual-Use Logistics
Dufour Aerospace
Sascha Hardegger, CEO

10:05 – 10:20 AIRTEC
Uncrewed Aviation for Critical Support — From Avilus's Grille to Bussard
Avilus
Dr. Daniel Dollinger, Co-Founder and Chief Development Officer

10:20 – 10:35 AIRTEC
Victor — ERC's Multi-Mission Logistics Platform
ERC System
Dr. David Löbl, CEO

10:35 – 10:55 **Q&A / Panel Discussion**

10:55 – 11:15 **Coffee Break**

11:15 New Aero: Research & Testing
Chair: Mike Hirschberg, Founder & Principal, H2 Advisors, LLC

● Stage 1

11:15 – 11:40 AIRTEC
High temperature resistance materials in the aviation and aerospace Industry
Evonik Operations GmbH
Udo Sondermann, Principal Engineer Technology & Application Development | Process Technology

11:40 – 12:05 AIRTEC
Composites for Space Applications
MT Aerospace AG
Dr. Matthew Jevons, Specialist – Composites Technologies

● Stage 2

11:15 – 11:40 Counter-UAS
Multi-Layered C-UAS at the Civil-Military Interface
CONDOR IMS GmbH
Philipp Burckhardt, Senior Security Advisor

11:40 – 12:05 Counter-UAS
Cyber over RF: Capabilities, Limitations and Responses to Emerging Drone Threats
Sentrycs
Kenric Miller, Sales Director EMEA

● Stage 3

11:15 – 11:20 AIRTEC
Overview & Introduction – New Aero: Research & Testing
H2 Advisors, LLC
Mike Hirschberg, Founder & Principal

11:20 – 11:35 AIRTEC
The Future of Flight is Electric
H2 Advisors, LLC
Mike Hirschberg, Founder & Principal

11:35 – 11:50 AIRTEC
Vehicle-Agnostic Research on AAM
Technical University Munich
Prof. Florian Holzapfel, Chair, Flight System Dynamics Institute

11:50 – 12:05 AIRTEC
Digital Testing Methodology for a LH2 Thermal Management System
Technical University of Applied Sciences Augsburg
Fabian Hirschberger, Scientific Associate

Day 2 (Wednesday, OCT 21) – continued

Programme as of: Nov 22, 2026, 13:42

Stage 1

12:05 – 12:35 **Lunch Break**

12:35 Additive Manufacturing in Aerospace
Chair: Gaurav Aryal, Mobility goes Additive e.V. (MGA)

12:35 – 12:40 AIRTEC
Welcome & Introduction – Additive Manufacturing in Aerospace
Mobility goes Additive e.V.
Gaurav Aryal, Project Engineer – Additive Manufacturing

12:40 – 13:05 AIRTEC
Print. Certify. Fly. Advancing Additive Manufacturing at Liebherr-Aerospace
Liebherr-Aerospace Lindenberg GmbH
Svenja Pestotnik, Head of Additive Manufacturing

13:05 – 13:30 AIRTEC
Successful Industrialization of Plasma/Wire DED for Aerospace
Airbus Aerostructures GmbH
Dr. Thomas Bielefeld, Head of Technology Development Varel

13:30 – 13:55 AIRTEC
Revolutionizing High-Speed Drone Development with Industrial 3D Printing
EOS GmbH Electro Optical Systems
Sebastian Frank, Business Development Manager

13:55 – 14:20 AIRTEC
ULTRACERAMIC® as an Enabling Technology for Additively Manufactured Aluminium and Magnesium Components in Aerospace
ELB Eloxalwerk Ludwigsburg Helmut Zerrer GmbH
Dr. Anna Buling, CEO

14:20 – 14:45 AIRTEC
Amorphous Metal Components for Aerospace: Bridging Rapid Prototyping and Scalable Manufacturing
Heraeus Amloy Technologies GmbH
Dr. Eugen Milke, Senior Material Expert

Stage 2

12:05 – 12:30 Counter-UAS
C-UAS and Software Defined Defence – Agile adaption as key element for future-proof C-UAS solutions
HENSOLDT
Dominik König, Sales Director C-UAS

12:30 – 12:45 **Panel discussion**

12:45 – 13:15 **Lunch Break**

13:15 Session VI – Emerging Technologies for Counter-UAS and Critical Infrastructure Protection
Chair: Torsten Kretschmann, Chairman Counter UAS working group at DIN (DIN 5452-9), kretsch.norm

13:15 – 13:40 Counter-UAS
Sensors and Effectors for Counter-UAS: State of the Art and Beyond
Fraunhofer Institute for Communication, Information Processing and Ergonomics FKIE
Hans Peter Stuch, Head of Counter-UAV, Communication Systems Department

13:40 – 14:05 Counter-UAS
Critical Infrastructure in the Crosshairs: Drone Protection Between Science and Fiction
Deutsche Telekom AG
Dr. Rainer Knirsch, Press Spokesperson – Defence, Drone & Cyber Security, Police, Public & Health Sector

14:05 – 14:30 Counter-UAS
UAV countermeasures based on the RF channel
TH Wildau – Technical University of Applied Sciences
Prof. Anselm C. Fabig, Professor (Telematics), Department of Engineering and Natural Sciences

14:30 – 14:45 **Panel discussion**

14:45 The Digital Thread: Engineering the Aircraft Before Metal Is Cut
This session has no session chair. Speakers may briefly introduce themselves.

Stage 3

12:05 – 12:20 AIRTEC
Why Rotors Don't Scale – Rethinking Design and Testing for Large VTOL Propellers
skyLARC
Jonas John, CEO

12:20 – 12:35 **Q&A / Panel Discussion**

12:35 – 13:00 **Lunch Break**

13:00 Strong Links: Building Europe's Sovereign Aerospace Supply Chain
This session has no session chair. Speakers may briefly introduce themselves.

13:00 – 13:25 AIRTEC
Unlocking Next-Generation Air Mobility with Made-in-Germany Ultra-High-Power Battery Cells
V4Smart GmbH & Co. KG
Dr. Verena Drews, Head of R&D

13:25 – 13:50 AIRTEC
From Innovation to Industrialization with the Competencies of the Porsche Werkzeugbau Group
Porsche Werkzeugbau GmbH
Thomas Recknagel, Head of Service & Consulting

13:50 – 14:15 AIRTEC
Leveraging European supply chain excellence to secure technological sovereignty in highly regulated markets such as aerospace and defence.
GAIA Converter
John Imaz, Vice President Sales and Marketing

14:15 – 14:40 AIRTEC
SMEs: Independent Distributors of Electronic Components and Their Strategic Importance
pk components
Paul Martin Kamprath, Director of Marketing

● Stage 1

14:45 15:10 AIRTEC
First-Time-Right Large-Scale Additive Manufacturing Through Validated Physics-Based Virtual Twins
Composites Manufacturing and Simulation Center, Purdue University
Dr. Eduardo Barocio, Director of Additive Manufacturing and CAMS Consortium at Purdue University

15:10 Getting In: From Civil Supplier to Defence Partner
This session has no session chair. Speakers may briefly introduce themselves.

15:10 15:35 DefenceTec
From Civil Industry to Defence: Practical Entry Paths for Tier-1 Suppliers in Unmanned Systems
Alpha Affinity
Yuliia Pieskova, COO

15:35 16:00 DefenceTec
German Security and Defence Policy in Transition – Challenges for Industry, the Armed Forces and Defence Procurement in the Context of the "Zeitenwende"
CR Consult
Christian Rucker, CEO

16:00 16:25 DefenceTec
Legal Aspects of Doing Business in the Ukrainian Defence Sector
IMPACTA LAW
Dr. Julian Ries, Partner

16:25 16:50 DefenceTec
Title to be announced
Frequentis AG
Andreas Perotti, Group Director, Future Defence Business

16:50 17:15 DefenceTec
Beyond the Hype: Real-World Additive Manufacturing for Aerospace and Defence
Materialise GmbH
Sebastian Lange, HUB Manager DACH

● Stage 2

14:45 15:10 AIRTEC
Integrating Sustainability as a Top-Level Requirement in MBSE
Airbus Protect GmbH
Annunziata Chiacchiera, Project Manager & Senior Sustainability Consultant
Airbus Protect GmbH
Adrian Chojnacki, IT Solutions Architect

15:10 15:35 AIRTEC
AI-Powered Digital Engineering for Aerospace & Defense: Accelerating Requirements Management, Compliance and Mission Readiness
INNEO Solutions GmbH
Hannes Lutz, Account Manager PLM

15:35 16:00 AIRTEC
Modern Data Lakehouse Approach for Unified Ingestion, Storage, Analysis & AI/ML workflows
Marple
Matthias Baert, Co-founder and CEO

16:00 16:25 AIRTEC
Fast-Tracking Aerospace via 0D/1D Multi-Physics Simulation
Dipolo GmbH
Dr. Michele Iadevaia, Senior Engineering Specialist, Multi-Physics Analysis and Vibroacoustics

16:25 16:50 AIRTEC
Cross-verification of Three Numerical Methods for Aerodynamic Prediction of a Heron-type Medium-altitude UAV: A CFD, Semi-empirical and Vortex-lattice Benchmark
Hanoi University of Industry, Hanoi, Vietnam
Dr. Nguyen Thi Dieu Linh, Lecturer

16:50 17:15 AIRTEC
From energy planning to automated BVLOS: digital twin simulation for drone operations at scale
UNISPHERE GmbH
Michael Anger, CTO & Founder

● Stage 3

14:40 15:05 AIRTEC
From Fragmented Data to Supply-Chain Intelligence: Using AI to Identify Hidden Dependencies
MicroGenesis TechSoft Pvt Ltd.
Daniel M.G., Technical Director

15:05 15:30 AIRTEC
Supply chain resilience of airborne weapon systems – a critical factor for warfighting readiness
PwC Strategy& (Germany) GmbH
Christoph Bauerschmidt, Senior Associate - Aerospace & Defense

15:30 15:55 AIRTEC
PCB – Printed Circuit Board – Reducing Dependence on China
TECCI Circuitos Impresos, S.L.
Simon Jacob, Consultant

15:55 Coffee Break 16:05

16:05 Hot, Light, Tough: Materials for the Next Generation of Flight
This session has no session chair. Speakers may briefly introduce themselves.

16:05 16:30 AIRTEC
Coatings Behind Every Flight: How Advanced PVD Technologies Improve Efficiency, Durability and Sustainability in Modern Aero Engines
Oerlikon Surface Solutions AG
Dr. Carmen Jerg, Product Manager Aerospace

16:30 16:55 AIRTEC
LMPAEK™ Polymers - Enhanced Composite Processing Capabilities Enabling New Market Opportunities
Victrex Europa GmbH
Ralf Weidig, Global Strategic Business Development Manager

16:55 17:20 AIRTEC
Shaping the Future of Aerospace: From Ceramic Fibers to High-Performance CMCs
Fraunhofer ISC, Zentrum HTL
Jan Marcel Hausherr, Team Manager Materials Testing

● Stage 1

● Stage 2

17:15
17:40

AIRTEC

Software defined. AI powered. Silicon enabled

Siemens EDA
Nuri Zughaid, EMEA Account Technology Manager (Xpedition / EDM)

● Stage 3

17:20
17:45

AIRTEC

MAXCarbon – A Novel Hybrid Fibre for High-Temperature Composite Applications: From Short Fibre Reinforcement to Continuous Fibre Architectures

RWTH / Spin-off TERNAfil
Fabian Jung, Research Associate / Founder

Day 3 (Thursday, OCT 22)

Programme as of: Nov 22, 2026, 13:42

Stage 1

09:00 – 09:15 **Morning Coffee**

09:15 **Autonomy Under Fire: Unmanned Systems from Sensor to Shooter**
This session has no session chair. Speakers may briefly introduce themselves.

Stage 2

09:00 – 09:15 **Morning Coffee**

09:15 **Session VII – Defending the theatre**
Chair: Torsten Kretschmann, Chairman Counter UAS working group at DIN (DIN 5452-9), kretsch.norm

Stage 3

09:00 – 09:15 **Morning Coffee**

09:15 **New Aero: Propulsion Innovations**
Chair: Mike Hirschberg, Founder & Principal, H2 Advisors, LLC

● Stage 1

09:15 – 09:40 DefenceTec
Sensor to Shooter: Integrating UAV Systems into Modern Operations
SKYETON
Andreas Pilz, Key Account Director

09:40 – 10:05 DefenceTec
Spatial Data to Operational Intelligence: Geospatial Intelligence in Military Operations
MicroGenesis TechSoft Pvt Ltd.
Akshay Dabar, Business Development Consultant – Germany

10:05 – 10:30 DefenceTec
AI Meets Engineering Beyond Algorithms – Engineering Innovation in AI-Enabled Defence Systems
Hofstetter, Schurack & Partner Patent Attorneys
Björn Stiegler, German Patent Attorney, European Patent Attorney and UPC Representative

10:30 – 10:55 DefenceTec
Mobile Security Platforms – Protecting Military and Critical Infrastructure
Expert Security
Reinhold Eweka, CEO

10:55 – 11:20 DefenceTec
SCALING SAFETY - THE NO.MORE.MINES. DRONE FLEET CONCEPT
IDIS - THWS
Prof. Nicholas Müller, Professor and Director of the Institute for Design and Information Systems

● Stage 2

09:15 – 09:20 Counter-UAS
Overview & Introduction – Defending the Theatre
kretsch.norm
Torsten Kretschmann, Chairman Counter UAS working group at DIN (DIN 5452-9)

09:20 – 09:45 Counter-UAS
Rules for Legal Drone Operations and an Introduction to the EU U-space Regulatory Framework
kretsch.norm
Torsten Kretschmann, Chairman Counter UAS working group at DIN (DIN 5452-9)

09:45 – 10:10 Counter-UAS
Architecting Drone Autonomy Under Fire: Why Resilient Navigation and Communications Must Be Built as Infrastructure
Sine Engineering
Volodymyr Mysak, Managing Director Germany

10:10 – 10:35 Counter-UAS
Beyond Point Defence: Towards Distributed, Multi-Layered Counter-UAS
THYRA
Mariia Cherpak, Business Development Manager

10:35 – 10:50
Panel discussion

10:50
Session VIII – Countering Drone Threats: Technologies, Operations and Future Capabilities
Chair: Torsten Kretschmann, Chairman Counter UAS working group at DIN (DIN 5452-9), kretsch.norm

10:50 – 11:15 Counter-UAS
Neutralising UAS Threats – Effective Intervention Technologies and Procedures
ARGUS INTERCEPTION GmbH
Bernd Wilden, Senior Business Development Manager

11:15 – 11:40 Counter-UAS
C-UAS and KRITIS protection
MBDA Deutschland GmbH
Denis Zetzmann, Vice President Air Defence

● Stage 3

09:15 – 09:20 AIRTEC
Overview & Introduction – New Aero: Propulsion Innovations
H2 Advisors, LLC
Mike Hirschberg, Founder & Principal

09:20 – 09:35 AIRTEC
Adapting Automotive Fuel Cell Technology for Next-Generation VTOL Light Aircraft: Challenges and Opportunities
FEV Group GmbH
Dr. Marius Walters, Head of Energy Technology

09:35 – 09:50 AIRTEC
From Motorsport to the Cockpit: A Systematic Approach to Aerospace Qualification for an Electric Powertrain SME
Helix
Derek Jordanou-Bailey, Chief Engineer - Aerospace

09:50 – 10:05 AIRTEC
RED Hybrid Generator Units Customized for High-Power Demands
RED Aircraft
Christian Mundigler, Vice President Sales & Commercial Development RED Aircraft

10:05 – 10:20 AIRTEC
Electric Drive Systems for Drones & Light Aircraft – Civil & Defense Applications
eMoSys GmbH
Petar Blažević, Sales Manager Electric Drives - High Performance e-Motors & Power Electronics

10:20 – 10:35 AIRTEC
Highest Performance Powertrains and Automotive Industrialization Strength Enabling the Future of Electric Aviation
Compact Dynamics GmbH
Bacem Kacem, Project Manager & Sales eAviation

10:35 – 10:55
Q&A / Panel Discussion

10:55
Japan Pavilion: Aerospace Technologies from Japan
This session has no session chair. Speakers may briefly introduce themselves.

10:55 – 11:20 AIRTEC
Promising Future of Pyrolyzed Recycling Carbon Fiber
Fuji design Co., Ltd
Morihiko Sugino, President

Day 3 (Thursday, OCT 22) – continued

Programme as of: Nov 22, 2026, 13:42

Stage 1

11:20 – 11:45 DefenceTec
YOUR MISSION. YOUR SENSORS. OUR AIRCRAFT PLATFORM.
Smartflyer Ltd.
Dominik Heiri, Project Manager Business Development & Sustainability

11:45 – 12:55 **Lunch Break**

12:55 **Made to Last: Materials, Power and Electronics for the Battlefield**
This session has no session chair. Speakers may briefly introduce themselves.

12:55 – 13:20 DefenceTec
Aluminium Matrix Composites as lightweight material revolutionized the defence sector
CMMC GmbH
Dr. Marcel Graf, Managing Director

13:20 – 13:45 DefenceTec
Extreme Reliability in Modern Defence Electronics - How engineering, industrialisation and organisational culture determine mission success.
CUONICS GmbH
Harald Rauer, Managing Director

13:45 – 14:10 DefenceTec
From Real-World Mission to Virtual Validation: Multi-Physics System Simulation for Next-Generation Aerospace and Defence
Gamma Technologies GmbH
Niko Papadopoulos, Senior Solutions Consultant

Stage 2

11:40 – 12:05 Counter-UAS
Autonomous Counter-UAS interceptors, AI-driven and autonomous target guidance for FPV drones, and navigation under disrupted communication conditions
NORDA Dynamics
Nazar Bigun, Chief Executive Officer

12:05 – 12:30 Counter-UAS
Protecting an Airport – An Example of the Application of Technology and the Establishment of Joint Procedures for Countering Drones
(speaker to be announced)

12:30 – 12:45 **Panel discussion**

12:45 – 13:00 **Lunch Break**

13:00 **Faster Composites: High-Rate Layup and Structures You Can Repair**
This session has no session chair. Speakers may briefly introduce themselves.

13:00 – 13:25 AIRTEC
From measurement to mastery – Leading aerospace company insights
ZEISS Industrial Quality Solutions
Carsten Gericke, Account Management Aerospace & Defence

13:25 – 13:50 AIRTEC
Rapid, high throughput manufacture of repairable CFRP structures for drones & robots, enabled by vitrimers.
Mallinda Inc.
Dr. Philip Taynton, CEO

Stage 3

11:20 – 11:45 AIRTEC
Advanced Electronics Device Assembly and Hardware Security Technologies
CONNECTEC JAPAN Corporation
Takahiro Nakano, President

11:45 – 12:10 AIRTEC
Introduction of Techlab Co, Ltd. and our Space Telescopes / Pitch-Based Carbon Fiber Solutions for Advanced Composite Structure
Techlab Co., Ltd
Takatsugu Tanaka, Principal Researcher
Nippon Graphite Fiber Corporation
Shunsuke Sakai, Senior Sales Manager

12:10 – 13:10 **Lunch Break**

13:10 **New Wings: Solar Aircraft and Hybrid-Electric Platforms**
This session has no session chair. Speakers may briefly introduce themselves.

13:10 – 13:35 AIRTEC
Title to be announced
Odonata e.V.
Jens Adrian, Team Lead Cockpit & Avionics
Odonata e.V.
Jonatan Müller, Project Manager Solar Powered Aircraft