

CONFERENCE PROGRAMME

DRAFT

VERSION October 4th, 2024 | 19:00 CEST

DAY 1

Room #1

Room #2

DAY 1 Oct 8th, 2024	
	OPENING Chairman: TBD
09:30	Diana Schnabel Exhibition & Conference Manager Airtec 2024 »Welcome from the Management Board«
09:35	Dr. Wolfgang Hübschle City Council for Economic Affairs, City of Augsburg
09:45	René Reinhardt Policy Officer / IV22 - Office of the Aerospace Coordinator, Federal Ministry for Economic Affairs and Energy BMWK
09:50	Bavarian State Minister Dr. Florian Herrmann, Mdl Head of the Bavarian State Chancellery
10:00	Keynote Airbus Defence and Space (Manching) Andreas Hammer, Head of Combat Air Systems
10:20	Keynote Airbus Group Dr.-Ing. Volker Baumbach, Manager aerospace engineering at Airbus Group »Hydrogen in Commercial Aviation«
10:40	Drees & Sommer Weinolf Käster, Head of Aerospace at Drees & Sommer Divisional Director »Decarbonisation of aerospace: energy transition meets competitiveness«
11:00	Roland Berger GmbH Dr. Stephan Baur, Partner »Advanced Air Mobility – the good, the bad, the ugly (and how to overcome it)«
11:20	POLARIS Raumflugzeuge GmbH Dr. Alexander Kopp, Geschäftsführer / CEO »The Polaris Spaceplane Project«
11:40	Strategy& Tobias Müller, UAS Competence Center Leader »Can drones help us soar towards a more sustainable future? Analyzing UAS and their role in ESG«
12:00	LUNCH BREAK
	SESSION Future Air Mobility Perspectives Chairman: Mike Hirschberg, Vertical Flight Society
12:30	Vertical Flight Society Mike Hirschberg, Director of Strategy
12:50	Flying Pages Willi Tacke, CEO
13:10	Lilium Dr. Saskia Horsch, VP Global Regulatory & Public Affairs
13:30	Zuri Michal Illich, CEO
13:50	
	SESSION Rotocraft Advancements Chairman: Mike Hirschberg, Vertical Flight Society
14:10	Technical University Munich Prof. Ilkay Yavrucluk, Chair, Helicopter & VTOL Aircraft Institute
14:30	Airbus Helicopters Rainer Heger, Research & Innovation
14:50	Leonardo Helicopters Andrea Bianchi, Strategy & Innovation
15:10	ULTRA Energy Wade Ewing, Business Development
15:50	Panel Discussion
16:10	COFFEE BREAK
	SESSION Aerospace supply chain: Ecosystem, materials, and high-purity environments Chairman: TBD
16:25	Fraunhofer IPK Thomas Zimmermann, Associate »Ecosystem for an efficient and sustainable Aerospace Supply Chain«
16:45	Tekniker Dr. Amaya Igartua, Coordinator of Materials Initiatives, Co-secretary of the European Materials Platform (EUMAT),
17:05	Fraunhofer IPA Dr. Udo Gommel, Head of »Intelligent Automation and Purity Technology« division »ReinRaumfahrt – Clarity in space travel«
17:25	Panel Discussion
18:00	END OF CONFERENCE DAY

11:50	LUNCH BREAK
	SESSION Innovative approaches for the future of aerospace Chairman: TBD
12:30	Roland Berger GmbH Dr. Stephan Baur, Partner »Current health and future readiness of Aerospace Supply Chain«
12:50	Fraunhofer FKIE Dr. Martin Ulmke, »Future Combat Air System FCAS: A research perspective«
13:10	EFT Mobility Tobias Kahlert, Founder and CEO at EFT Mobility »Electrifying the Skies: Bridging Automotive Expertise to Sustainable Aviation«
13:30	Unisphere GmbH Christoph Schlettig (CEO) or Michael Anger (CTO) »Navigating the Future - Leveraging Simulation Technologies to Optimize eVTOL Operations«
13:50	Fraunhofer IPA Dr. Roman Ungern-Sternberg, Head of Business Unit Operations at Fraunhofer IPA »Beyond value stream mapping: Achieve End-to-End Transparency in complex multi-level product-production structures«
14:10	Sphera GmbH TBD »Electrification and Decarbonization in Aviation: Overcoming Challenges Through Advanced Testing Solutions«
	SESSION AI in Aerospace Production and Product Development Chairman: Michael Kühnel, SGL Carbon
14:30	Scientific Managing Director Dr. Juliane Gottmann, AI production network at the University of Augsburg »AI Production Network Augsburg and its importance for Aerospace production technology«
14:50	MT Aerospace AG Boris Ozolin, Process Development and Data Engineer »Machine learning for production machines for the shot peening forming process«
15:10	Mubea Aerostructures GmbH Robert Becker, Senior Manager Innovation & Technology »AI-based Tool wear detection«
15:30	Fraunhofer IFF Erik Trostmann, Manufacturing Metrology and Digital Assistance Systems, Group Leader Optical Metrology »AI methods for completeness verification in assembly inspection of turbine and structural components«
15:50	COFFEE BREAK
	SESSION Airborne AI and Cybersecurity in Aerospace Applications Chairman: Michael Kühnel, SGL Carbon
16:05	Technical University of Applied Sciences Augsburg (THA) Prof. Dominik Merli, Head of Institute THA_Imos »Engineering Cyber-Secure Aerospace Components«
16:25	16:35 Bavarian State Minister Dr. Fabian Mehring, Mdl, Bavarian State Minister of Digital Affairs
16:40	Airbus Helicopters Dr. Matthias Niedermaler, Cyber-Security Project Management Officer
17:00	Data Machine Intelligence Solutions GmbH Max Najork (Co-Founder & CEO) »Drones & AI - how system-of-system operations disrupt dual-use aerial operations«
17:20	Airbus Protect GmbH Thorsten Wollweber, Line Manager Product Security & GRC GE »Threat-based Risk Assessment – Safety through Security«
17:40	Fraunhofer AISEC Dr.-Ing. Matthias Hiller, Head of Department Hardware Security »Trusted Electronics for Aerospace and Space«
18:00	END OF CONFERENCE DAY

CONFERENCE PROGRAMME

VERSION October 4th, 2024 | 19:00 CEST

DRAFT

DAY 2

Room #1

DAY 2 Oct 9th, 2024	
	SESSION Session Ceramic Composites powered by Composites United e.V. Chairman: Prof. Dietmar Koch
10:00	Welcome and Introduction by the session's chairman
10:05	Airbus Group Christian Metzner, Materials & Process Scientist »CMCs at Airbus (Working Title)«
10:25	BJS Ceramics Dr. Werner Humbs, Geschäftsführer »European SIC-Fibers and SIC/SIC CMC«
10:45	Schunk Group Dr. Hartmut Gross, Director New Business & Technology »CMC Flying High - Schunk lightweight solutions for the next generation engines«
11:05	SGL Carbon Sebastian Grasser, Director Sales Fuel Cell Components »SGL fuel cell materials – from development to large volume serial supply«
11:25	short break for re-arrangements
11:45	Panel Discussion
11:55 LUNCH BREAK	
	SESSION Composites in Aerospace powered by Composites United e.V. Chairman: Marc Fette
13:00	Welcome and Introduction by the session's chairman
13:05	Airbus & DLR Piet Wölcken & Prof. Dr. Michael Kupke »The Multifunctional Fuselage Demonstrator: From Idea to Reality«
13:25	Blackwave GmbH Benedikt Borchert, HO Business Development »No bullshit, just tanks - new business models for an evolving space industry«
13:45	Teijin Carbon Europe Dr. Julian Lowe, Business Development Manager »Sustainable Carbon Fibre based Composite Materials«
14:05	Airbus Tamara Blanco, Composites Materials & Processes Research & Technology Airbus Expert in Composites »Composite contribution to aviation challenges«
14:25	short break for re-arrangements
14:30	Panel Discussion
15:00 COFFEE BREAK	
	SESSION Additive Manufacturing powered by Mobility goes Additive e.V. Chairman: Marc Fette
15:15	Welcome and Introduction by the session's chairman
15:20	BigRep Silas Dortmann, Application Engineer for Advanced Manufacturing Solutions »The Journey from Simple to Complex Parts with FDM: A Solution for Today and Tomorrow«
15:40	HSU/UniBW Hamburg & CTC Florian Fuchs, »Additive Manufacturing with High Performance Thermoplastics for hydrogen Systems«
16:00	TRUMPF Frantisek Hacic, Industry Manager Additive Manufacturing Aerospace »Consistent AM production for critical components«
16:20	OHB System AG Dr. Marco Mulser, Head of Technology Coordination »Additive Manufacturing for spacecraft components«
16:40	short break for re-arrangements
16:45	Panel Discussion
17:15 END OF CONFERENCE DAY	

Room #2

DAY 2 Oct 9th, 2024	
	SESSION Future Air Mobility Developments Chairman: Willi Tacke, Flying Pages
10:00	Welcome and Introduction by the session's chairman
10:05	Airbus Urban Mobility Dr. Andreas Thellmann, Head of Air Mobility Initiative »Building up an Advanced Air Mobility ecosystem«
10:25	Volocopter Rohit Wariyar, Head of Public Affairs
10:45	ERC Dr. David Löbl, CEO
11:05	Vaeridion Evan O'Connor, Head of R&D »Electrified Regional Air Mobility with VÆRIDION's Microliners«
11:25	Panel Discussion
11:45	
12:05 LUNCH BREAK	
	SESSION Future Air Mobility Critical Technologies Chairman: Pamir Sevinçel, Blackbird Associates
13:00	Welcome and Introduction by the session's chairman
13:05	Fraunhofer Institute for Transportation and Infrastructure Systems IVI Henri Meeß, Group Leader, Highly Automated Flying
13:25	Fraunhofer-Institut für Integrierte Systeme und Bauelemententechnologie IISB Florian Hilpert, Power Electronic Systems
13:45	RENK Test System Hicham Benmar, Product & Business Development Manager »Validating UAM Electrical Distribution and Control Systems by Ground Testing«
14:05	EUROCAE Alain Vallée, Senior Technical Programme Manager »Standards as means of compliance for aviation regulations: defining the global roadmap for acceptance of AAM's innovative concepts. (working title)«
14:25	short break for re-arrangements
14:30	Panel Discussion
15:00 COFFEE BREAK	
	SESSION Aerial Defence and Airborne Countermeasures - a look ahead (working title) Chairman: Roland Haag
15:15	Welcome and Introduction by the session's chairman
15:20	BDSV Bundesverband der Deutschen Sicherheits- und Verteidigungsindustrie e.V. Roland Haag, Head of Economy & Law Department
15:40	Spherea GmbH Martin Kugelmann, Managing Director »AI in defence: Questions and first answers on the example of electronic warfare«
16:00	Wehrtechnische Dienststelle für Luftfahrzeuge und Luftfahrtgerät der Bundeswehr (WTD 61) Karsten Benkel, Chief of UAS Overall Systems Branch & Head of National Competence Center UAS »Specific aspects of war-capable UAS«
16:20	Donaustahl GmbH Stefan Thumann, Founder, Managing Director & Chief Designer
16:40	AVILUS GmbH Maximilian Wechner, »VLOS with 700kg UAVs? Proportionality in System Safety«
17:00	Fraunhofer IFF Dr. Olaf Poenicke, Industrial Metrology and Digital Assistance Systems »Adaptive drone flight control for artifact-free sensor data acquisition in drone-based ordnance detection«
17:20	Oppenhoff Mareike Heesing, »Export Controls in the Aviation Industry«
17:40	Panel Discussion
18:00 END OF CONFERENCE DAY	

