

DAY 1 Oct 25th, 2023	
	OPENING Moderator: TBD
09:30	Eva Weber Mayor of Augsburg (INVITED) »Welcome Address«
09:35	Diana Schnabel Exhibition Manager Airtec 2023 and New Space Expo & Conference 2023 »Welcome from the Management Board«
09:40	Dr. Anna Christmann Federal Government Coordinator of German Aerospace Policy »Welcome from the Federal Ministry for Economic Affairs and Climate Action BMWK (Video greetings)«
09:45	Bavarian State Minister Dr. Florian Herrmann, Mdl Head of the Bavarian State Chancellery »Welcome from the Bavarian State Government«
10:05	Keynote Premium AEROTEC Sebastian Peters, Managing Director Premium AEROTEC & Member of the Board of Management Airbus Germany
10:25	Bundesministerium für Wirtschaft und Klimaschutz Werner Loscheider, Referatsleiter "Bauwirtschaft, Leichtbau/Neue Werkstoffe, Ressourceneffizienz"
10:45	Airbus Operations GmbH Tanja Neuland, Hydrogen Techno IPT Leader - Propulsion of Tomorrow »Sustainable aviation – Hydrogen Storage«
11:05	Matsanark GmbH & Co KG Simon Weiss, Head of Aviation »SAF/eSAF: long term interim solution?«
11:25	EMEA Aerospace & Defence Leader of PwC and Strategy Dr. Jan-Henning Wille, PwC Strategy »From Feedstock to Flight: How to unlock the potential of SAF«
11:45	Airbus Protect Dahyah Rafique, System Engineer »Hydrogen Infrastructure and their Challenges for Hydrogen Planes«
Lunch Break	
SESSION Future Air Mobility: Overview Moderator: Mike Hirschberg, VFS	
13:00	Vertical Flight Society Mike Hirschberg, Director of Strategy »The Future of Air Mobility«
13:15	Lilium Dr. Saskia Horsch, Head of Regulatory & Public Affairs »Key Enablers for Future Air Mobility«
13:30	Blackbird Pamir Svinchel, Managing Partner »A Perspective on Future Air Mobility«
13:50	Flying Pages Willi Tacke, CEO »The Electric Aviation Revolution«
14:20	Discussion
SESSION Future Air Mobility: eVTOL Moderator: Prof. Ilkay Yavrucuk, Technical University Munich	
14:40	Airbus Urban Mobility Baltiz Sarhan, CEO & Head of UAM »Airbus Future Air Mobility Developments«
15:00	AutoFlight Europe Mark Henning, Managing Director »Autoflight Future Air Mobility Developments«
15:20	Dufour Jasmine Kent, CTO »Dufour Future Air Mobility Developments«
Coffee Break	
16:00	EHang Andreas Perotti, CMO, Europe »Advanced Air Mobility in the APAC Region: Ready for Take-off«
16:20	Joby Aviation Andreas Fischbacher, Lead Manufacturing Engineer »The Joby eVTOL Air Taxi«
16:40	Lilium Alistair McIntosh, CTO »Development of the Lilium Jet«
17:00	Odys Aviation Jonathan Stephens, Head of Certification »Odys Future Air Mobility Developments«
17:20	available slot
17:40	Discussion
18:00 End of Conference Day	

DAY 1 26 OCT	
Lunch Break	
SESSION OPENING Moderator: Prof. Jens Eickhoff	
13:00	acatech – Deutsche Akademie der Technikwissenschaften National Academy of Science and Engineering Prof. Dr.-Ing. Johann-Dietrich Wörner, President (INVITED)
SESSION New Space Applications: Automotive & Logistics Moderator: Prof. Jens Eickhoff	
13:30	Prof. Jens Eickhoff, Airbus Defence and Space (Product Manager F-Series Avionics and Satellites), University of Stuttgart (Professor for Satellite Systems Technology and Operations) »Welcome message«
13:50	available slot
14:10	Discussion
SESSION Applications, Technologies & Solutions Moderator: TBD	
14:30	Prof. Jens Eickhoff, Airbus Defence and Space (Product Manager F-Series Avionics and Satellites), University of Stuttgart (Professor for Satellite Systems Technology and Operations) »The F-Series Core Avionics and Onboard Software - State of the Art for Satellite Platforms and Payload Integration.«
14:50	European Space Imaging Benjamin Lieberknecht, Sales Manager »Applications of 30cm Resolution Satellite Imagery with High Temporal Revisit Rates accessing the Legion Constellation«
15:10	THE EXPLORATION COMPANY Victor Ertl, Lead Business Development & Marketing »Introducing Nyx vehicle (capsule)«
Coffee Break	
15:30	Arctic Space Benjamin Fischer, CEO & Co-Founder
16:10	THALES ALENIA Space Massimo Comparini, Deputy CEO ESVP Observation Exploration Navigation (INVITED) »Urban Digital Twins«
16:20	Luleå University of Technology Bernd Weiss, Ph.D. student (INVITED) »Satellite recycling in orbit (working title)«
SESSION Miscellaneous Moderator: TBD	
16:40	Luleå University of Technology, Centre of Excellence, Division of Space Technology, Department of Computer Science, Electrical and Space Engineering Olle Persson, CEO
17:00	Global Trust Estel Blay, Senior BD Manager (INVITED) »Satellite Data Provider, Digital Wins from real world«
18:00 DAY 1 26 OCT	

DAY 2 Oct 26th, 2023	
	SESSION Session "Composites - Enabler for an efficient and sustainable aerospace industry" Moderator: TBD
09:10	INTRODUCTION Marc Fette, Composite Technology Center / CTC GmbH (An Airbus Company), CEO
09:15	KEYNOTE Dr. Christian Weimer, AIRBUS Central Research & Technology, Head of Materials »Advancing the next generation of composite materials - digital, functional and circular«
09:40	Blackwave GmbH Bastian Behrens, CEO
10:05	Coriolis Composites GmbH Thomas Gahr, General Manager
10:30 Coffee Break	
10:40	GKN Aerospace Thomas Herkner, Forschungsingenieur
11:05	Premium Aerotec Michael Dupont, Head of A350 S16/18 CFRP Panel Production
11:30	Volocopter GmbH Dr. Bernd Thoma, Head of Manufacturing Engineering »Composites bringing Urban Air Mobility to life«
11:55	Discussion
12:20 Lunch Break	
	SESSION Future Air Mobility: Technical Research Moderator: Mike Hirschberg, VFS
13:30	Technical University Munich Prof. Iliya Yavruck, Chair, Helicopter & VTOL Aircraft Institute »Vertical Flight Research at TUM«
13:50	Technical University Munich Prof. Florian Holzapfel, Chair, Flight Systems Dynamics Institute »Making Future Air Mobility Fly«
14:10	Fraunhofer Institute for Transportation and Infrastructure Systems IVI Henri Meess, Group Leader, Highly Automated Flying »ALBACOPTER® - Autonomous Flight«
14:30	German Aerospace Center (DLR) Dr. Burkard Wigger, Director, Flight Experiments Facility »Flight Testing Future Air Mobility«
14:50	Dipolo GmbH Federico Lo Cicero, Simulation Engineer »Fly It Before You Build It: Reaching New Heights in Aircraft Development with Simulation«
15:10	Discussion
15:30 Coffee Break	
	SESSION Future Air Mobility: eCTOL / eSTOL / Hydrogen Moderator: Prof. Florian Holzapfel, Technical University Munich
15:45	Electra.aero Diana Siegel, Director of Strategy
16:05	Pipistrel Aircraft Dr. Tine Tomazič, CTO (INVITED)
16:25	Hydroplane Dr. Anita Sengupta, CEO
16:45	MT Aerospace AG Dr. Günther Schuller, Director of Engineering »Development of a Liquid-Hydrogen Storage and Supply System for Future Emission-Free Aviation«
17:05	Odonata John Griesbacher, R&D Aerospace Engineer
17:25	Piasceki Aircraft Stefan Andres, Chief of Product »The PA-890 Hybrid Hydrogen Helicopter«
17:45	Discussion
18:00 End of Conference Day	

DAY 2 Oct 26th, 2023	
	SESSION Needs Various Applications Moderator: TBD
09:10	Luleå University of Technology Prof. Rene Laufer, Professor and Head of Subject Space Systems
09:30	GMV GmbH Mattia Moscardino, Chief Executive Officer Germany
09:50	available slot
10:10	Discussion
10:30 Coffee Break	
	SESSION Cybersecurity Moderator: TBD
10:50	Airbus Protect, N.N. »EU regulatory landscape: Sustainability is coming! (Working Title)«
11:00	Data-Warehouse GmbH Dr. Alexander Löw, CEO »Cyber Security (working title)«
11:10	Airbus Protect, Emmanuel Arbareitler, Innovation Manager »Generation of Cyberattacks Leading to Safety Top Event and using a Model Based approach: how to face with combinatory explosion of sequences and states in future mobility systems ?«
11:30	Airbus Protect, N.N. »Aerospace & Aviation what it takes to stay in the game is compliance with EASA Part-IS paired with the ambition to go beyond (Working title)«
11:50	Discussion
12:10 Lunch Break	
	SESSION We print to fly: Additive Manufacturing for lightweight solutions Moderator: TBD
13:30	Rocket Factory Augsburg Vasily Kasheiko, Additive Manufacturing Enabler
13:50	MT Aerospace AG Thomas Weiltaner, Senior Vice President Additive Manufacturing Sales »Additive manufacturing: Synergies from space for aerospace and many other industries (working title)«
14:10	EOS GmbH Udo Behrendt, Key Account Manager Aerospace »AM in Aerospace - EOS«
14:30	Fraunhofer IGCV Dr. Georg Schlick, Head of Department Additive Manufacturing – Metal and Multi-Material »Analyzing the influence of process parameters on antistatic pipes produced by braiding pultrusion«
14:50	Materialise Sonja Rasch, Sales Director Manufacturing D/CH
15:10 Coffee Break	
15:30	Premium Aerotec Dr. Thomas Bielefeld, Head of Additive Manufacturing
15:45	Discussion
	SESSION Computing, Simulation & AI Moderator:TBD
16:00	Absint GmbH Dr. Daniel Kastner, CTO »Satisfying Real-Time Requirements on Multi-core Processors «
16:20	Daedsean Hugo Silva, Engineer »Fitness for Purpose and Absence of Unintended Function in Machine Learned Avionics«
16:40	Objectivity Dr. Michal Jankowski, Head of Emerging Technologies »Quantum Similes: Redefining the Aerospace Industry through Quantum Computing«
17:00	Fraunhofer Institute for Transportation and Infrastructure Systems IVI Prof. Dr. Matthias Klingner, Director of the Institute »Fraunhofer Lighthouse Project ALBACOPTER®«
17:20	Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR) Christopher Maurice Wünsch, Wissenschaftlicher Mitarbeiter »In-situ investigation and analytical modeling of crack initiation and propagation in Ti-6Al-4V under low cycle fatigue
17:40	Discussion
18:00 End of Conference Day	

DAY 3 | Oct 27th, 2023

SESSION	
09:10	Future Air Mobility: Electrical Systems Moderator: Pamir Sevinçel, Blackbird Rolls-Royce Olaf Otto, President - Electrical
09:30	H55 Lawrence Blakeley, COO & Head of Design Organisation
09:50	Helix Derek Jordanou-Bailey , Chief Engineer »Maximising the environmental benefits of aerospace electrification«
10:10	Evolito Ajay Lukha, CCO
10:30	Excellion GmbH Dr. Dominic Pascal Förstermann, Managing Director »Battery Cell Technology for Electric Aviation: What Can We Expect?«
10:50	Electro.Aero Richard Charlton, CEO & Co-Founder »Portable Ground Chargers«
11:10	Discussion

11:30 Lunch Break

SESSION	
Future Air Mobility: Infrastructure and Suppliers Moderator: Mike Hirschberg, VFS	
12:30	Volatus Infrastructure & Energy Solutions Dan Sliat, CEO »Vertiports as the AAM Ecosystem Marketplace«
12:50	Siemens Norbert Vierheilig, Brand & Campaigns Smart Infrastructure »Smart Infrastructure for Electric Aircraft«
13:10	AIR TECCON GmbH Oliver Grunewald, Senior Design Consultant »AAM: A new transport mode or the search for a useful application scenario« available slot
13:30	
13:50	FACC Operations GmbH Günter Nelböck, VP, Engines & Nacelles (INVITED)
14:10	Honeywell Aerospace Martin Mielhing, Business Manager Europe — UAM / UAS
14:30	Panel Discussion

DAY 3 | Oct 27th, 2023

SESSION	
Composites & Additive Manufacturing Moderator:TBD	
09:10	NETZSCH Process Intelligence GmbH Dr. Alexander Chaloupka, Managing Director CTO »Digitizing Composite Manufacturing for Process Efficiency «
09:30	Engenuity Ltd. Martin Wachtel, Engineering Analyst »Advancing Composite Crash Structures: Predicting Energy Absorption in Air Mobility«
SESSION Miscellaneous Moderator: TBD	
09:50	Siemens Industry Software GmbH & Co. KG Marco Livieri, Pre-Sales Manager Testing Solutions & Business Development »Driving Innovation in aircraft design by solving noise and vibrations challenges«
10:10	Fraunhofer IFAM Leander Brieskorn, »Gap filling for thermoplastic fuselage shells«
10:30	Fraunhofer IGV Dr. Renato Bezerra, Research staff »Production of a complex shape thermoplastic CFRP structure by T-AFP with in-situ consolidation«
10:50	Autoflug GmbH Jacqueline Schwarzmann, Product Manager »How Do You Protect Your eVTOL Flight Test Crews During Manned Testing?«
11:10	Helix Derek Jordanou-Bailey, Chief Engineer—Aerospace »Developing an optimised electric power unit for AAM propulsion«

11:30 Lunch Break

12:30	Fraunhofer Institute for Chemical Technology Simon Dillmann, Scientific Employee »Validation Platform for UAM Propulsion Systems«
12:50	Smiths High Performance Dr. Achim Hofmann, Material consultant »New Material Development and its availability to low volume applications«
13:10	P3 group Tobias Breithaupt, Head of future mobility / aerospace »Unraveling recurring patterns in AAM: Ideas for cross-industry learnings«
13:30	Technical University of Applied Sciences Augsburg Prof. Dr. André Baeten, Research Professor Lightweight Construction and Composite Technology »Cryogenic hydrogen cooling system for a new electric drive system
13:50	MM-Welding AG Dr. Martin Rhème , CEO »Automated inWVerse™ Fastening Technology for Aircraft Interior Applications «
14:10	Fraunhofer AVIATION & SPACE Dr. Simon Kothé, Head of Central Office »Automated assembly of the Multifunctional Fuselage Demonstrator«
14:30	Domin Markus Pont, CEO »The Digital Transformation of Motion«
14:50	MM-Welding AG Dr. Martin Rhème , CEO »Automated inWVerse™ Fastening Technology for Aircraft Interior Applications «
15:00	Brno University of Technology Jiří Novák, Ph.D. student »Hybrid Modeling Approach for Optimization Based Control of Multirotor Unmanned Aerial Vehicles«
15:20	Brno University of Technology Jiří Novák, Ph.D. student »Parameter Optimization of Adaptive Nonlinear Control System for Unmanned Aerial Vehicles «