



## E2FLIGHT® 2021

EMISSIONFREE & ELECTRIC FLIGHT CONFERENCE

## AGENDA

### THURSDAY, FEBRUARY 25, 2021

#### OPENING

09:30 am	<b>Opening</b>	Josef Kallo, Björn Nagel, DLR Andreas Strohmayer, University Stuttgart Johannes Garbino-Anton, BBAA
09:40 am	<b>Extended Welcome</b>	Walter Schoefer, Airport Stuttgart Michael Westhagemann, Senator für Wirtschaft und Innovation Hamburg
10:00 am	<b>Greetings</b>	Anke Kaysser-Pyzalla, Chair of the DLR Executive Board
10:20 am	<b>Keynote Speech</b>	Thomas Jarzombek, Commissioner for the Digital Industry and Start-ups and Federal Government Coordinator of German Aerospace Policy
10:50 am	<b>Keynote Speech: E2FLIGHT / R&amp;T Airbus: What's coming next?</b>	Nicole Dreyer-Langlet, Vice President Research & Technology, Airbus
11:20 am	<b>Keynote Speech: Towards Sustainability in Global Aviation – Challenges and New Dynamism</b>	Thomas Roetger, Aviation Consultant & former Assistant Director Environment Technology at IATA
12:00 pm	<b>LUNCH</b>	

#### ENERGY STORAGE / ENERGY CONVERSION

01:00 pm	<b>Liquid Hydrogen Storage Systems for Mobile Applications</b>	Martin Stubenrauch, Magna Steyr
01:30 pm	<b>Flight Test Results from EU Project MAHEPA</b>	Josef Kallo, DLR
02:00 pm	<b>Technology Roadmaps for High Energy Density Batteries For Aircraft Application</b>	Dennis Kopljar, DLR
02:30 pm	<b>COFFEE BREAK</b>	

## COMPONENTS & POWERTRAINS

03:30 pm	<b>Fuel Cell Systems for Aviation Applications</b>	Per Ekdunge, Powercell
04:00 pm	<b>Cool Things – Heat Exchangers for Aircraft Systems</b>	Christoph Regel, AKG Thermotechnik
04:30 pm	<b>Drivetrain to Flytrain – Lessons from the Automotive Industry</b>	Tobias Kahnert, Electric Flytrain GmbH
05:00 pm	<b>Advanced Aircraft Power Electronics</b>	Florian Hilbert, Fraunhofer IISB
05:30 pm	<b>CLOSING FOR THE DAY</b>	

## FRIDAY, FEBRUARY 26, 2021

### CONFIGURATION & INTEGRATION

09:30 am	<b>Keynote Speech: EASA actions to support Research and Innovation</b>	Willy Sigl, EASA – Strategy & Safety Management
10:00 am	<b>25 Years Electric Flight at University of Stuttgart – From icaré 2 to FutPrInt50</b>	Werner Scholz, Team icaré Stuttgart, CEO SFL GmbH
10:30 am	<b>APUS i2 and i5 Hybrid Electric Aircraft</b>	Phillip Scheffel, APUS Group
11:00 am	<b>Zero Emission Technology – Integration on Large Aircraft Platforms</b>	Daniel Reckzeh, R&T Senior Technical Manager Airbus
11:30 am	<b>EXACT CS-25 Frontrunner Configuration</b>	Johannes Hartmann, DLR
12:00 am	<b>LUNCH</b>	

### Projects & Demonstrators Towards Realization

01:00 pm	<b>Velis And Lessons Learned from Its Certification Program</b>	Paolo Romagnolli, Pipistrel Aircraft
01:30 pm	<b>METRO HOP: Where We Are and Where We're Going - From Flight Simulation to a Pre-Urban Prototype and a 25-Meter Roll-Out Runway</b>	Bruno Mombrinie, Metro Hop
02:00 pm	<b>Sustainable and Energy Efficient Aviation – Excellence Cluster SE2A</b>	Jens Friedrichs, TU Braunschweig
02:30 pm	<b>Rolling Recap</b>	Herb Schlickemaier, EATS
03: pm	<b>CLOSING REMARKS</b>	