

# #AeroDays2020 FORUM – Program

25. November 2020

10:45 - 11:00

## Take Off to the #AeroDays2020 FORUM

**Presenters:** Conny Czymoch, Ulrich Bobinger

The moderators explain the concept of #AeroDays2020, summarize the events and messages of the previous day/ Berlin Aviation Summit and give a short outlook on the FORUM in all its facets: Lecture Hall, Exhibition Area, Networking and Partner Lounge.

11:00 - 12:30

## CTO-Panel

**Presenters:** Conny Czymoch, Ulrich Bobinger

**Session Chair:** Jean-Eric Paquet, Director General European Commission – DG Research and Innovation

**Panelists:**

Grazia Vittadini, Airbus, Chief Technology Officer  
Lars Wagner, MTU Aero Engines, Chief Operating Officer  
Paul Stein, Rolls-Royce, Chief Technology Officer  
Stéphane Cueille, Safran, Chief Technology Officer  
Chris Raymond, Boeing, Chief Sustainability Officer  
Arjan Hegeman, GE Aviation, Director Advanced Technology  
Sergey Chernyshev, IFAR, Chairman

With moderation of the European Commission, CTOs of leading aerospace OEMs discuss industry roadmaps and expectations with regard to policy frameworks.

12:30 - 12:45

## Networking-Break

Check out the virtual platform:

- *meet&greet* session with **Paul Stein**, Rolls-Royce, CTO
- exchange with fellow guests at virtual *coffee tables*
- visit *virtual exhibition booths*

**12:45 - 14:15**

## **Energy Transition in Aviation**

**Presenters:** Conny Czymoch, Ulrich Bobinger

**Session Chair:** Rolf Henke, Representative Aviation of the Executive Board, DLR; Vice-Chair, ACARE

**Panelists:**

Ivo Boscarol, Pipistrel Aircraft, Founder and CEO  
Marco Protti, Leonardo, Head of Advanced Research  
Siegfried Knecht, aireg e.V., Chairman of the Board  
Rob Watson, Rolls-Royce, Director Electrical  
Prof. Jörg Sieber, MTU Aero Engines, Head of Innovation Management  
Nico Buchholz, Senior Aerospace Executive

What options does aviation have to become climate-neutral and still meet the growing global demand for air transport services? Which paths are aircraft manufacturers and operators taking? What role does politics and research play in this?

**14:15 - 14:45**

## **Networking-Break**

Check out the virtual platform:

- *meet&greet* session with **Prof. Rolf Henke**, Representative Aviation of the Executive Board, DLR; Vice-Chair, ACARE
- exchange with fellow guests at virtual *coffee tables*
- visit *virtual exhibition booths*

**14:45 - 16:15**

## **The Digital Transformation of Aeronautics**

**Presenters:** Conny Czymoch, Ulrich Bobinger

**Session Chair:** Giancarlo Buono, Director Safety and Flight Operations Europe, IATA

**Panelists:**

Johannes Weidisch, Lufthansa Technik AG, Senior Director Process Improvement/Lean Management

Torsten Welte, SAP, Global VP and Head of Aerospace & Defense

Bruno Stoufflet, Dassault Aviation, Chief Technology Officer

Prof. Andreas Strohmayer, EASN, Board Member

Bart de Vries, KLM & Martinair Flight Academies, Managing Director

Stefan Römelt, Airbus, SVP Engineering, Head of CoC Cabin & Cargo

Aviation continues to be a growing global industry, in the long run even after COVID-19. The digitalization of products and services opens up opportunities to increase efficiency despite very high safety levels in this industry and to enhance the competitiveness of companies with innovative solutions. Aircraft availability is a key parameter for airlines, unexpected technical issues lead to operational problems with many financial effects for the airline. New technologies and approaches could help to increase predictability of the maintenance operation.

**16:15 - 16:30**

## **Networking-Break**

Check out the virtual platform:

- *meet&greet* session with **Stefan Römelt**, Airbus, SVP Engineering, Head of CoC Cabin & Cargo
- exchange with fellow guests at virtual *coffee tables*
- visit *virtual exhibition booths*

**16:30 - 17:55**

**Paving the way towards climate-neutrality by 2050**

**Presenters:** Conny Czymoch, Ulrich Bobinger

**Session Chair:** Axel Krein, Executive Director Clean Sky 2 JU

**Panelists:**

Sandra Bour Schaeffer, Airbus, Head of Airbus Group Demonstrators, CEO of Airbus UpNext

Pawel Stężycki, ILOT Polish Institute of Aviation, Executive Director

Luca Bedon, AvioAero, Head of Research & Advanced Technology

María Ángeles Martín Prats, Skylife, CEO

Prof. Iain Gray, Cranfield University, Director of Aerospace

Henrik Runnemalm, GKN Aerospace, Director R&T

Panelists will present Clean Sky 2 results that will help to pave the way towards climate-neutrality by 2050. They will share examples of ultra-advanced aircraft configurations, the next generation of multifunctional fuselage design and manufacturing technologies, eco-friendly engine technologies, new systems concepts and the next generation of competitive, efficient low-emissions small aircraft.

**17:55 - 18:00**

**Closing Remarks**

**Presenters:** Conny Czymoch, Ulrich Bobinger

## 26. November 2020

08:50 - 09:00

### On boarding for #AeroDays2020 FORUM / Day#2

**Presenters:** Conny Czymoch, Ulrich Bobinger

The moderators briefly replay their take-aways from the previous day, give a short outlook to the program still ahead and explain the concept of the FORUM with all its facets: Lecture Hall, Exhibition Area, Networking and Partner Lounge.

09:00 - 10:30

### Digital solutions for automated air traffic management

**Presenters:** Conny Czymoch, Ulrich Bobinger

**Session Chair:** Florian Guillermet, Executive Director SESAR JU

**Panelists:**

Jan-Christian Schraven, Swiss International Air Lines, Senior Director Business Development

Olivier Delain, Groupe ADP – DOAA (Paris Airport), R&D Unit Manager

Helmut Többen, DLR, Director at AT-One, Head of DLR Management Services

Michael Holzbauer, Frequentis, Director European Affairs

Csaba Gergely, HungaroControl, Senior ATM Advisor

Koen Meuleman, Unifly, Regulator Affairs Director

The move to digitalised air traffic management (ATM) infrastructure is seen as critical for making aviation more scalable, economically sustainable, environmentally efficient, predictable and resilient. Against this backdrop, the SESAR Joint Undertaking has funded a number of research and demonstration projects, which have applied new digital technologies to reshape the future of aviation. This session will showcase a selection of these innovative projects, providing a flavour of concrete benefits that ATM digitalisation is starting to bring to the entire aviation ecosystem. The panel will also jointly explore what still needs to be done, and in particular, how technology can bring about fundamental changes to the way we manage air traffic in European Airspace.

10:30 - 10:45

### Networking-Break

Check out the virtual platform:

- *meet&greet* session with **Florian Guillermet**, SESAR JU, Executive Director

- exchange with fellow guests at virtual *coffee tables*
- visit *virtual exhibition booths*

<p><b>10:45 - 12:15</b></p>	<p><b>Urban Air Mobility</b></p> <p><b>Presenters:</b> Conny Czymoch, Ulrich Bobinger</p> <p><b>Session Chair:</b> Patrick Ky, Executive Director, EASA</p> <p><b>Panelists:</b>  Hugues Langer, Sonaca Group, CTO (on behalf of ASD AeroSpace and Defence Association of Europe)  Tassilo Wanner, Lilium GmbH, Vice-President Global Public &amp; Regulatory Affairs  Florian Reuter, Volocopter, CEO/Managing Director  Jörg-Peter Müller, Airbus Helicopters, Managing Director UAM GmbH</p> <p>Urban Air Mobility takes on a special position because, there is today not yet a market for it. We are using modern technologies and ecosystems to design and implement very innovative methods for developing this market. The Chairman of the session - Patrick Ky - takes this opportunity to ask: Does UAM hold the potential to revolutionize aviation? Learn from pioneers and pacemakers of Urban Air Mobility how this new branch of aviation is currently doing and what still needs to be done to achieve a commercial breakthrough.</p>
<p><b>12:15-12:30</b></p>	<p><b>Networking-Break</b></p> <p>Check out the virtual platform:</p> <ul style="list-style-type: none"> <li>• <i>meet&amp;greet</i> session with <b>Florian Reuter</b>, Volocopter, CEO</li> <li>• exchange with fellow guests at virtual <i>coffee tables</i></li> <li>• visit <i>virtual exhibition booths</i></li> </ul>
<p><b>12:30 - 14:00</b></p>	<p><b>Visions of Future Aviation</b></p> <p><b>Presenters:</b> Conny Czymoch, Ulrich Bobinger</p> <p><b>Session Chair:</b> Sebastiano Fumero, Adviser Future Air Transport, European Commission – DG Research and Innovation</p> <p><b>Panelists:</b>  Montserrat Barriga, ERA – European Regions Airline Association, Director General  Michel Peters, EREA, Chairman  Joris Melkert, Univ. Delft, Senior Lecturer  Jean Botti, VoltAero, Chief Executive &amp; Technology Officer  Frank Neumann, IMI, Director  Sébastien Bougon, Flying Whales, CEO  Daniel Doulton, Sceye, Chief Platform Officer  Andreas Hardeman, Boom Supersonic, Head of European Policy</p>

	<p>Within the last session of #AeroDays2020, we will take a visionary look at the aviation of the future, out of the box so to speak. Will new technologies in combination with other business models disrupt air traffic? What influence does the offered cruising speed have on the ecological footprint, supply and demand? These and many other questions will be discussed on the basis of exemplary developments.</p>
<p><b>14:00 - 14:10</b></p>	<p><b>Networking-Break</b></p> <p>Check out the virtual platform:</p> <ul style="list-style-type: none"> <li>• <i>meet&amp;greet</i> session with <b>Michel Peters</b>, EREA, Chairman</li> <li>• pilot the <i>h-aero@ the Lighter-than-Air-Unmanned Aerial Vehicle</i></li> <li>• exchange with fellow guests at virtual <i>coffee tables</i></li> <li>• visit <i>virtual exhibition booths</i></li> </ul>
<p><b>14:10 - 14:30</b></p>	<p><b>CLOSING Remarks</b></p> <p><b>Presenters:</b> Conny Czymoch, Ulrich Bobinger</p> <p><b>Session Chair:</b> Thomas Jarzombek, German Aerospace Coordinator, speaking on behalf of the German EU Council Presidency</p> <p><b>Speakers:</b>  Catalin Nae, INCAS, President &amp; General Director  Rolf Henke, Representative Aviation of the Executive Board, DLR;  Vice-Chair, ACARE  Volker Thum, BDLI, Managing Director  Sebastiano Fumero, European Commission, Advisor Future Air Transport</p> <p>The concluding session summarizes the messages of the Tandem AeroDays19.20. These had their first part in Bucharest in spring 2019 and the second part in Berlin in autumn 2020.</p>