

## ICANA 2023 Program

09.03.-10.03.2023, Conference venue: Festsaal I, Casino building of the Goethe University Frankfurt, Westend Campus

Guiding theme: Active Noise Abatement at the source

### Program - Day 1 (09.03.2023)

#### Status quo and the next 10 years

10:00 a.m. **Registration**

11:00 a.m. **Welcoming speech**

Prof. D.Eng. Johann-Dietrich Wörner, Member of the Executive Board (Airport and Region Forum), President (National Academy of Science and Engineering)

**Greetings from the Hessian Minister President**

Boris Rhein, Minister President (State of Hesse)

11:20 a.m. **Introduction moderation**

Stefanie Heng-Ruschek, Moderator (shr moderation)

11:30 a.m. **Geräuschquellen am Flugzeug und Möglichkeiten der Lärminderung**

Florian Goertz, Pascal Menner, Louis Reitter, Research Associates (Technical University of Darmstadt)

12:30 p.m. Lunch break

02:00 p.m. **Active Noise Abatement at the source**

Stefan Moal, Acoustic Expert and Technical Advisor (Airbus)

02:20 p.m. **Community Noise**

Dr. Robert W. Stoker, Senior Manager - Noise, Vibration and Emissions (Boeing)

- 02:40 p.m. **Lärminderung bei Modernen Flugtriebwerken**  
Dr. Christoph Richter, Specialist Acoustics (Rolls-Royce Deutschland)
- 03:00 p.m. Q&A session
- 03:30 p.m. Coffee break
- 04:00 p.m. **Active Noise Abatement Initiatives with a Focus on Fleet Renewal**  
Michael Hopp, Program Manager ATM Development (Deutsche Lufthansa AG)
- 04:30 p.m. **The future of aviation: New aircraft concepts and their impact on noise emissions**  
Dr. Jochen Kaiser, Head of Visionary Aircraft Concepts (Bauhaus Luftfahrt)
- 05:00 p.m. **Panel: Future concepts (incl. non-jets) and their effects on noise**  
Dr. Jochen Kaiser, Head of Visionary Aircraft Concepts (Bauhaus Luftfahrt)  
Stefan Moal, Acoustic Expert and Technical Advisor (Airbus)  
Dr. Christoph Richter, Specialist Acoustics (Rolls-Royce Deutschland)  
Dr. Robert W. Stoker, Senior Manager - Noise, Vibration and Emissions (Boeing)
- 06:00 p.m. Q&A session
- 06:30 p.m. **Conclusion Day 1 and Outlook Day 2**  
Stefanie Heng-Ruschek, Moderator (shr moderation)  
Oliver Quilling, Member of the Executive Board (Airport and Region Forum), County Commissioner (District Offenbach)

End of Day 1

Get-together & Snacks

## Program - Day 2 (10.03.2023)

### Future developments

- 08:30 a.m.    **Registration**
- 09:00 a.m.    **Introduction to aircraft noise activities at ICAO CAEP with ongoing and future contributions from DLR**  
  
Dr.-Ing. Lothar Bertsch, Technical Expert of CAEP Working Group 1 (WG1, Noise Technical), Institute of Aerodynamics and Flow Technology (German Aerospace Center)
- 09:30 a.m.    **The EASA contribution to aircraft noise mitigation**  
  
Ivan de Lépinay, Senior Expert - Noise and Standards (European Union Aviation Safety Agency)
- 10:00 a.m.    **Predictions on future noise development: Relevance of Active Noise Abatement at the source**  
  
Dr. Rainer Schmid, Research Associate at the Institute of Aerodynamics and Flow Technology (German Aerospace Center)
- 10:30 a.m.    Break
- 10:45 a.m.    **Current state of development of propulsion systems from the point of view of Aeroacoustics**  
  
Prof. Dr. Lars Enhardt, Head of Department Engine Acoustics - Institute of Propulsion Technology, Institute of Electrified Aero Engines (German Aerospace Center)
- 11:15 a.m.    **Research Strategy: The Significance of Acoustic Research in Context of Climate Protection**  
  
D.Eng. Markus Fischer, Divisional Board Member Aeronautics (German Aerospace Center)
- 11:45 a.m.    **Q&A session**
- 12:15 p.m.    Lunch break

01:00 p.m. **Discussion**

**Quo Vadis? - Active Noise Abatement at the source and CO<sub>2</sub>-emissions**

**Tarek Al-Wazir**, Minister of Economics, Energy, Transport and Housing (State of Hesse)

**Dr. Katrin Dziekan**, Head of Section "Transport, Noise, and Spatial Development" (German Environment Agency)

**D.Eng. Markus Fischer**, Divisional Board Member Aeronautics (German Aerospace Center)

**Dr. Pierre Dominique Prümm**, Member of the Executive Board (Airport and Region Forum), Member of the Executive Board and Executive Director Aviation and Infrastructure (Fraport AG)

**Matthias von Randow**, Managing Director (German Aviation Association)

**Paul-Gerhard Weiß**, Chairman (Aircraft Noise Commission Frankfurt), City Council (City of Offenbach)

02:00 p.m. **Summary / Conclusion Day 2**

**Stefanie Heng-Ruschek**, Moderator (shr moderation)

End of the event