

FORUM MUNICH AEROSPACE



Campus Garching, MW1801

**Daniel Reckzeh – Senior Manager & Aircraft Architect
- Head of R&T Plateau Bremen - Airbus**

Ultraefficient Aircraft - securing the path to sustainability

Ultraefficient Aircraft technologies for low drag, low weight and low specific fuel consumption are more important than ever to master the challenge towards more sustainable flight. Significant efficiency improvements are mandatory to limit the fuel consumption for next generation aircraft, either to drastically reduce the CO₂-impact from still fossile kerosene based propulsion or to mitigate the drawback from the significant affordability challenge of novel zero emission fuels (SAF or H₂).

Besides this efficiency challenge also a the capability for more flexible flight trajectories is key, to mitigate non-CO₂ impacts on global warming (such as contrails) and to drastically cut noise emissions. Nevertheless, full compliance in terms of certifiability, manageable manufacturing cost and full operational compatibility to the air transport system are crucial requirements to ensure economically viable future products.

The lecture will be presented in English, afterwards we would like to invite you for Beer and Brezels in front of the lecture room.



Thursday, 19. January 2023

17:30 – 19:00 Uhr

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