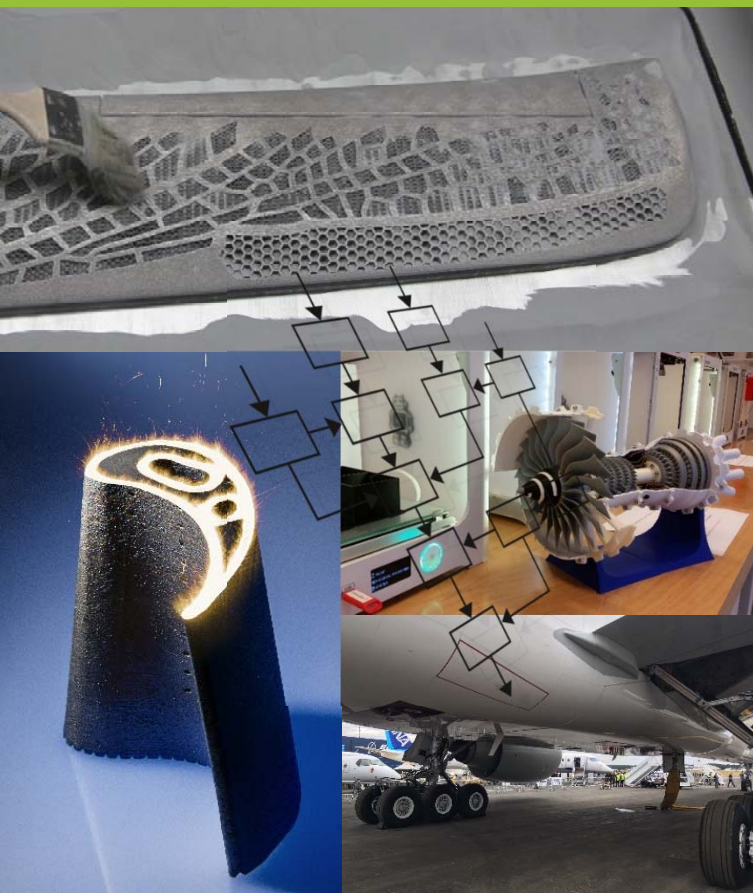




# Clean Sky 2 Workshop on Additive Manufacturing in Aviation

Aachen, January 23-24, 2019



**Wednesday, 23/01/2019**

*- Open to Public Domain -*

## **Industrialization of Additive Manufacturing in Aviation** *Status, future approaches & demands*

10.00 h Welcome & Introduction

10:15 h The Aviation Perspective

- **Certification of AM in Aviation**  
Results of EASA & FAA Workshops
- **Industrialization of AM in Aviation**  
Airframer, Engine & System Manufacturer, Tier 1&2 Supplier

14:00 h Complementary Perspective

- **AM Industry & Supply Chain**  
System & Technology Provider, Powder Manufacturer, Supply Chain
- **Other Industry Sectors' Perspective**  
Power Generation, Automotive

16:30 h Summary & Exchange

18.30 h Networking Dinner

*Lunch & Coffee Breaks in between*



**Thursday, 24/01/2019**

*- Open to CS2 Platforms only -*

## **Synergies and Gaps in the Clean Sky 2 Portfolio** *of Additive Manufacturing Activities*

09.00 h Welcome & Introduction

09:15 h CS2 Project Presentations

- **AM Projects in CS2 SPDs**
- **Technical Content, Status, Results**
- **ecoDESIGN approaches addressed**  
such as LCI, LCA, LCIA

15:30 h Summary & Exchange

- **What are synergies and gaps?**
- **How to increase benefit**  
by cooperative approaches?
- **How to close relevant gaps**  
in the future?

16:30 h Closing & Labs open

17:00 h End of Workshop

*Lunch & Coffee Breaks in between*





## Industrialization of AM in Aviation

Please save the date for the Clean Sky 2 Workshop on Additive Manufacturing in Aviation taking place in Aachen, Germany on Jan. 23 & 24, 2019.

**Target** of the workshop is to identify synergies for AM in the aviation industry and gaps for cooperative approaches, which could be addressed in future.

On **Wednesday 23/01/2019** senior experts with various perspectives on Additive Manufacturing in Aviation will present their view on status, future approaches and demands. A panel session will offer room for comprehensive discussion and exchange. This day is open to public domain (limited capacity available).

On **Thursday 24/01/2019** current activities on Additive Manufacturing in the platforms and workpackages of Clean Sky 2 will be presented. A summary and exchange session will allow to discuss gaps and how to close them by cooperative approaches in future.

## Audience & Presenters

- Experts for Additive Manufacturing in Aviation
- Airframer, Engine & Systems Manufacturer,
- Aviation Tier 1&2 Supplier
- AM System Provider & Technology Specialists
- Supply Chain Representatives

## Organization Team

The workshop is organized by the Fraunhofer ecoDESIGN Team in cooperation with the Airframe ITD Coordination Team and supported by the CS2JU.

Contact Persons:

Fraunhofer: Rainer Schweppe, ecoDESIGN Chair  
Torsten Moll, Management Aviation  
Andres Gasser, Additive Manufacturing

Airframe ITD: Antonio Hernandez, Airbus D&S  
Jérôme Lery, Dassault Aviation  
Maria Weiland, Saab

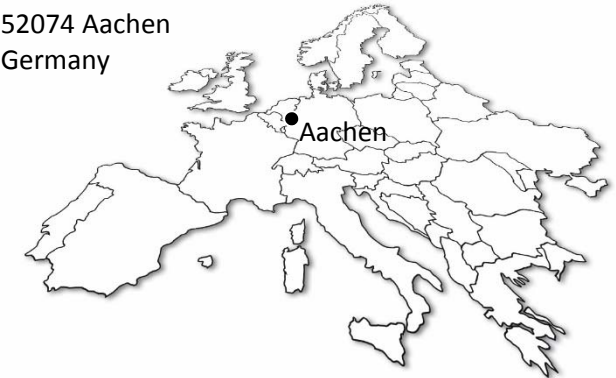
CS2 JU POs: Paolo Trinchieri, ECO TA  
Vittorio Selmin, AIR ITD  
Jean-Francois Brouckaert, ENG ITD  
Michel Goulain, SYS ITD  
Sebastien Dubois, LPA IADP  
Ruud Den Boer, REG IADP  
Andrzej Pozadowski, FRC IADP

## Registration

For participation in the workshop, please contact [ute.laubach@ict.fraunhofer.de](mailto:ute.laubach@ict.fraunhofer.de). We will take you on our mailing list and you will receive updates on the final agenda.

## Venue

**Fraunhofer Institute**  
for Laser Technology ILT  
Steinbachstraße 15  
52074 Aachen  
Germany



## Travel Information

Aachen is within ca. 1h hour distance of the Airports of Düsseldorf and Cologne (by car/train).

Aachen Central Station connects to regional and long range trains such as RE, IR, ICE or Thalys.

The workshop venue is located on Campus Melaten. From downtown Aachen or Central Train Station it can be reached by bus or taxi.

## Accommodation

Pullman Hotel Quellenhof Aachen \*\*\*\*  
Novotel Aachen City \*\*\*\*  
Aquis Grana Cityhotel  
Hampton by Hilton - Aachen Tivoli \*\*\*  
Mercure am Dom \*\*\*  
Ibis Styles Aachen City \*\*