

# Aerospace Europe Conference 2020

SAVE THE DATE

CALL FOR PAPERS WILL BE  
OPEN IN FEBRUARY 2019



HOSTED BY :



Association Aéronautique  
et Astronautique de France

**Greener Aerospace Innovative Technologies and  
Operations for a human friendly environment**

FEATURING

**CEAS AIR & SPACE**  
7th Edition

**3AF GREENER AVIATION**  
3rd Edition

**AIAA/3AF ANERS**  
8th Edition

**BORDEAUX, FRANCE | 25-28 FEBRUARY 2020**

CO-ORGANISED BY :



WITH THE SUPPORT OF :



[www.aerospace-europe2020.eu](http://www.aerospace-europe2020.eu)



To pave the way for a single European aerospace conference, 3AF and CEAS decided to join forces to launch the very first edition of the Aerospace Europe Conference (AEC2020).

Aerospace Europe Conference 2020, will then feature 3AF 3rd Greener Aviation, CEAS 7th Air & Space Conference and the 8th edition of Aircraft Noise and Emissions Reduction Symposium (ANERS).

This conference will be offering scientists and engineers from industry, government, and academia an exceptional opportunity to exchange

knowledge and results of current studies and to discuss directions for future research in the fields of aeronautics and space. Individually, each of the three conferences has been proven very successful. In joining the three we expect to be even more attractive, offering additional transversal topics and synergies between aeronautics and space towards a greener and cleaner environment

By welcoming worldwide contributions, this new conference will give attendees a unique overview of the global research efforts aimed at reducing the environmental impact of aviation and space activities.

The **GREENER** thematic constitutes the core of AEC2020.

## AEC2020 TOPICS

### AERONAUTICS

- Aerodynamics, laminarity
- Materials & Structures
- Propulsion, including emissions reduction
- Aircraft Noise reduction - External Noise and Internal noise
- New aircraft configurations (special session)
- Electric and hybrid aircraft
- On board energy management
- Alternative fuels and power sources
- Ecodesign and green life cycle
- Urban air mobility and its impact on the environment
- Autonomous Aircraft and its impact on environment (AI, connectivity...)
- Green and safe systems & operations
- Evaluation of environmental impact
- Research infrastructures for greener and safer aviation

### SPACE

- Materials and Advanced Manufacturing for Space Applications
- Aero-thermo-dynamics
- Clean Space, Space Debris
- Environmental Control and Life Support in Space ECLS
- Guidance, Navigation and Control GNC
- Structures, Thermal and Mechanisms
- Mission Design and Space Systems Optics
- Optoelectronics and Photonics
- Power Robotics
- Spacecraft Design
- Space Propulsion
- Satellite Communications
- Satellite Operations
- Testing

## COMMITTEES

### STEERING COMMITTEE

**Chair:**

Christian **MARI** 3AF / former Safran,  
member of the Clean Sky SciCom

**Members:**

Pierre **BESCOND** 3AF  
Rafael **BUREO DACAL** ESA/ESTEC  
Christophe **HERMANS** CEAS  
Dominique **NOUAILHAS** 3AF/former ONERA

### AERONAUTICAL PROGRAMME COMMITTEE

**Advisor:**

Eric **DAUTRIAT** 3AF/former Clean Sky  
Executive Director

**Co-chairs:**

Dominique **NOUAILHAS** 3AF/former ONERA  
John-Paul **CLARKE** UTC  
Dominique **COLLIN** Safran Aircraft Engines  
Valérie **GUENON** Safran

### SPACE PROGRAMME COMMITTEE

**Advisor:**

Torben **HENRIKSEN** ESA/ESTEC

**Co-chairs:**

Rafael **BUREO DACAL** ESA/ESTEC  
Christian **HÜHNE** DLR  
Dominique **RIBEREAU** ArianeGroup/3AF

## VENUE

The Aerospace Europe Conference (AEC2020) will be held :

**Bordeaux Congress Centre**  
Rue Jean Samazeuilh - 33070 Bordeaux -France

## AEC2020 SECRETARIAT

3AF – 6 rue Galilée – 75116 PARIS – France - Tel.: +33 (0)1 58 64 12 30  
Email: [aec2020@3af.fr](mailto:aec2020@3af.fr) - [www.aerospace-europe2020.eu](http://www.aerospace-europe2020.eu)

## CONFERENCE DATES

25 - 27 February 2020

Conference sessions

28 February 2020

Technical visits

