

# AerospaceEurope Conference 2020

**CEAS**  
Council of European  
Aerospace Societies

HOSTED BY :

**3AF**

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)



# AerospaceEurope Conference 2020

BORDEAUX, FRANCE  
25-28 FEBRUARY 2020

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

Aerospace Europe Conference 2020, will 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 proven to be 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 core theme of AEC2020 is **GREENER Aerospace**.

## 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 & Life Support in Space
- Guidance, Navigation and Control GNC
- Structures, Thermal and Mechanisms
- Mission Design and Space Systems
- Software and Avionics
- Optics, Optoelectronics and Photonics
- Power
- Robotics
- Spacecraft Design
- Space Propulsion (green propellants)
- Satellite Communications
- Satellite Operations
- Testing

## COMMITTEES

### STEERING COMMITTEE

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

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

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

## VENUE

The Aerospace Europe Conference (AEC2020) will be held :

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

## AEC2020 SECRETARIAT

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## ABSTRACT SUBMISSION UNTIL 31 JULY 2019

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

