



14-16 April 2021

16:00 - 18:30 EEST

Every day on Zoom

**Cultivating greatness
and success among our
students since 2009.**



AIR NAVIGATION CONVENTION 2021

**Aviation Emerging Challenges:
Innovation
and
Coping with Change**

**BY STUDENTS
FOR STUDENTS**

Day 1

Making Aviation Greener

This day will touch upon ways in which we can decrease the emissions in Aviation. Some of these ways will be the AIRBUS Fello'Fly Technology-Wake-Energy Retrieval which can help reduce the CO2 emission to up to 3 or 4 million tonnes per year.



Day 2

Automation and Digitalization

The topics discussed in the second day will focus around how Automation in Aviation needs to be safely implemented in order to support the growing demands of the public, especially in the twilight days of the Coronavirus pandemic. It will focus on new ATM systems generation and Ergonomics design principles.

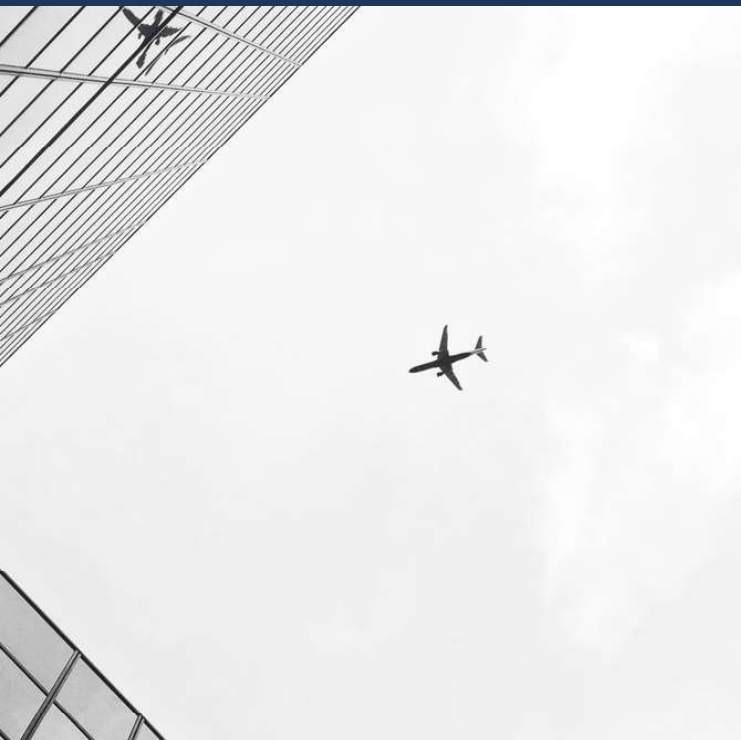
Another topic will be the reintroduction of the Boeing 737 Max model to the commercial fleet following its numerous problems and how they have been settled.

Day 3

New Entrants in Aviation

The third and final day of the convention concerns itself with the newest entrants in the Aviation industry and how they can affect the landscape moving forward. The key topics of the day will revolve around the safe operation of unmanned aircraft in the airspace, as well as the benefits and concerns that they pose.

We will also tackle the way drones are used and how they will change the Air Traffic Management.



Day 1

14 APRIL 2021

MODERATORS

- **Răzvan Mărgăuan** - EUROCONTROL MUAC - Head of Technical Systems
- **Antonio Licu** - EUROCONTROL - Head of Safety Unit
- **Daria Măciuceanu** - AirNav Student
- **Ionuț Apahidean** - AirNav Student

SCHEDULE

16:00-16:25: Welcome - Formal Opening by **Prof.Octavian Thor Pleter**

Key Note Speaker - **John Santurbano** - Director EUROCONTROL MUAC

16:25-16:45: Airbus Fello'Fly - Wake Energy Retrieval - A project inspired by how birds are flying in formation

16:45-17:05: EUROCONTROL MUAC - FABEC and EUROCONTROL Maastricht Environment projects

17:05-17:20: Virtual Coffee Break

17:20-17:40: Green Deal and Resilience of Aviation Industry

17:40-18:20: Moderated Round Table on Environment and Q&A with speakers of Day 1

18:20-18:35: Launch of the FIA Alumni Mentoring Programme - AirNav Alumni

18:35-18:45: Wrap-up of Day 1

LECTURERS

Francesca Popescu - AIRBUS - Safety Specialist
Ilena Sitova - EUROCONTROL MUAC - Environment Expert
Antonio Licu - EUROCONTROL - Head of Safety Unit
Victor Ciulei - AirNav Alumnus

Day 2

15 APRIL 2021

MODERATORS

- **Antonio Licu** - EUROCONTROL - Head of Safety Unit
- **Radu Cioponea** - EUROCONTROL - Senior Safety Expert
- **Anastasia-Andreea Panaitescu** - AirNav Student
- **Diandra Grama** - AirNav Student

SCHEDULE

16:00-16:05: Welcome to Day 2 of the AIRNAV Convention 2021

16:05-16:30: MUAC Automation and Digitalisation - what's next in ATM system generation

16:30-16:55: Principles for an advanced integration of Human Factors and Ergonomics in Air Traffic Control workplace design - Human Factors science in practice

16:55-17:15: Virtual Coffee Break

17:15-17:45: Boeing 737 MAX story and return to Operation

17:45-18:20: Moderated Round Table on Automation and Digitalisation. Q&A with the speakers of Day 2

18:20-18:35: Think Research - Social Acceptability of Urban Air Mobility

18:35-18:45: Wrap-up of Day 2

LECTURERS

Peter Hendrickx - EUROCONTROL MUAC - Head of ATM Development
Nils Tavares Schader - DFS - Ergonomist/Human Factor Expert
Capt. Sebastian Allgaier - ATQP/EBT Manager - Type Rating Examiner B737
Diana Toma - Think Research - Senior ATM Consultant

Day 3

16 APRIL 2021

MODERATORS

- **Tom Lintner** - CEO ALOFT Group
- **Radu Cioponea** - EUROCONTROL - Senior Safety Expert
- **Teodora Mosor** - AirNav Student
- **Teodora Lungoci** - AirNav Student
- **Nicolae Constantinescu** - AirNav Student

SCHEDULE

16:00-16:05: Welcome to Day 3 of the AIRNAV Convention 2021

16:05-16:30: New Entrants in Aviation - A threat or an Opportunity

16:30-16:45: Drones and ATM - a EUROCONTROL perspective

16:45-17:05: Virtual Coffee Break

17:05-17:25: Drones and new AFIS in Romania

17:25-17:45: Safety implications for UAS operational integration

17:45-18:00: Safety Management for New Entrants - a challenge or same business?

18:00-18:20: Moderated Round Table on New Entrants in Aviation. Q&A with the speakers of Day 3

18:20-18:30: Wrap-up of Day 3 and of AirNav Convention 2021

LECTURERS

Roger Dillon - Ret. UK NATS - Frm. Head of Safety & Regulatory Compliance Safety Services
Anastasiia Sobchenko - EUROCONTROL- Expert Drone Unit
Dorin Ivașcu - CEO RAS Aviation
Duane Dupon - The ALOFT Group - Senior Air Traffic Control Expert
Peter Stastny - Ret. EUROCONTROL - Frm. Head of Safety Regulation Unit - Imperial College London

CONTACT US



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