



**Centre of Research and Experiments
in the field of Acoustics and Vibrations**
member of
**Romanian Research and Development
Network in the field of energy, mobility
and aerospace**

If you are interested in
receiving updates about the
CEAS-ASC Workshop,
you are kindly invited to
complete the form
available at:
[https://comoti.ro/airframe-
noise-reduction/](https://comoti.ro/airframe-noise-reduction/)
We look forward to your
participation!



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AIRFRAME NOISE REDUCTION

Needs, Challenges & Opportunities

The **25th Workshop of the
Aeroacoustics Specialists
Committee of the CEAS
(Bucharest, ROMANIA)**
22nd-23rd of October, 2024



JOINT EVENTS



INVENTOR and PULSAR have received funding
from the European Union's Horizon Europe
Research and Innovation programme under grant
agreement numbers 860538 and 101095395.

SCOPE

Identifying noise pollution levels and implementing control and corrective solutions are strongly enforced at the EU level, to protect communities from noise exposure. Therefore, the assessment and management of aircraft noise is highly dependent on advancements in research and implementation of innovations in pursuit of achieving noise control and reduction.

After engine noise, **airframe noise** is regarded as being the next important noise source which influences the overall aircraft generated noise. While take-off noise is mainly dominated by engine noise, landing noise is characterised by both engine and airframe noise sources, the latter being especially dominant for the largest aircraft.

WORKSHOP TOPICS

(but not limited to)

- Understanding the physics of airframe noise generation
- Noise reduction of High Lift Devices and Landing Gears
- Low noise by design approach
- Add-on passive and active noise reduction technologies
- Experimental and numerical approaches

SCIENTIFIC COMMITTEE



Alan McAlpine (ISVR, UK)
Roberto Camussi (Roma Tre University, IT)
Denis Gely (ONERA, FR)
Eugene Kors (SAFRAN, FR)
Dominique Collin (AVNeX, FR)
Eric Manoha (ONERA, FR)
Michael Pott-Pollenske (DLR, DE)
Gareth Bennett (Trinity College Dublin, IE)
Dan Radulescu (COMOTI, RO)
Luminita Dragasanu (COMOTI, RO)
Laurentiu Cristea (COMOTI, RO)

WORKSHOP INFORMATION

Key Dates

INVENTOR Final Project Meeting
21st of October, 2024

25th CEAS-ASC Workshop
22nd-23rd of October, 2024

PULSAR - Noise Roadmap Workshop
24th – 25th of October, 2024

Information about abstract submission, sending presentations and registration will be available soon on the workshop's webpage.

Location

Information available soon on the workshop's webpage.

Workshop webpage

<https://comoti.ro/airframe-noise-reduction/>

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Bucharest, ROMANIA
22nd-23rd of October, 2024

Workshop hosted by

