First Announcement and Call for Papers

INCE/Europe in association with CidB

QUIET DRONES 2022

SECOND INTERNATIONAL SYMPOSIUM ON NOISE FROM UASs AND UAVs

JUNE 27-30, 2022
PARIS FRANCE

Quiet Drones 2022, the second international symposium, will be held from June 27 in Paris, in a venue close to Champs Élysée, as an on-site symposium. We will also provide facilities for remote delegates to participate in the symposium.

Abstract deadline 18th February 2022

INCE**EUROPE**

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Centre d'information sur le Bruit

QUIET DRONES 2022

Quiet Drones 2020, The very first International Symposium covering all aspects of the subject was held online mid-October 2020 from Paris and, in spite of the pandemic, turned out to be a huge success in terms of attendance and delegate networking: 170 participants from 22 countries (including 30 from the Americas, 25 from the Asia Pacific Region), 50 presentations from all types of organizations and companies compiled in over 500 pages of Proceedings. **Abstracts from Quiet Drones 2020 can be viewed in the "[Programme Book](#)".**

Quiet Drones 2022. Topics will be explored over 4 days in about 20 sessions through authors presentations followed by extensive discussion periods. We also hope to have panels on specific hot topics as well as several conversation sessions enabling deeper networking.

The Programme will cover all themes related to noise and acoustics of UASs and UAVs (both referred as Drones):

- Noise impact of drones in communities and public acceptance
- Existing sound metrics and development of new metrics to assess noise
- Standardization for measurements of noise produced by drones and certification procedures
- Noise maps, prediction and auralization in different environments and flying conditions
- Air Taxis integration in urban and peri-urban ecosystems and soundscapes
- Specific noise concerns with packages and goods deliveries by drones
- Vertidrones and other infrastructure issues
- Low noise design of fixed-wing and multi-rotor UASs and UAVs
- Noise control inside cabins of air taxis
- Regulations at European, American, and international levels: present situation and perspectives
- Detection and identification of drones from acoustic signature
- Drone audition for search and rescue using reduction of ego noise

It will also discuss evolutions from Urban Air Mobility to Advanced Aerial Mobility and present activities of collaborative projects, exchange working groups, standardization committees, first experimentations of air taxis in European cities.

Authors will be able to present on site or online, but prerecording of presentations may be required to avoid bandwidth problems

We encourage authors to use audio illustrations during their presentations, to emphasise points and make comparisons between different situations.

www.quietdrones.org

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