

# International Conference on Active Noise Abatement

## *Pre-announcement*

Debate in the Environment &  
Community Center



23 – 24 September 2010  
Hotel Hilton  
Frankfurt/Main

### **Introduction:**

Aircraft noise is one of the greatest burdens on people living in the vicinity of large airports.

Passive noise protection or restrictions of flight traffic at certain times are measures which bring some relief. It is just as important, however, to reduce noise at the source – by active noise abatement.

An important role can be played here by landing and take-off procedures which directly reduce noise or which distribute the unavoidable noise in such a way that as few residents as possible in the vicinity of the airport are exposed to aircraft noise.

The use of modern navigation procedures and high-performance flight equipment can make a major contribution here.

### **Program organisation:**

Umwelt- und Nachbarschaftshaus  
(Environment & Community Center) of  
the FFR - UNH  
Fraport AG  
Deutsche Flugsicherung - DFS

### **Themes – key words:**

- Required Navigation Performance and Area Navigation (RNAV/RNP)
- green approaches – Segmented RNAV-Approach,
- steep approaches/increased angle glide path
- Continuous Descent Approach - CDA,
- increased tailwind operations,
- ground-based augmentation systems (GBAS)
- runway use and operation concepts,

**Invited speakers** – many of whom have already agreed to attend:

Federal Aviation Administration FAA,  
Boeing Phantom Works,  
Deutsches Zentrum für Luft- und  
Raumfahrt - DLR,  
AviaConsult  
Honeywell,  
Continental Airlines  
Deutsche Flugsicherung - DFS  
Air Berlin,  
Swedish Air Navigation Services - LFV  
Skyguide  
Austrian Airlines

## The Organiser

The Environment & Community Center (Umwelt- und Nachbarschaftshaus - UNH) is funded by the non-profit Umwelthaus GmbH, a 100 % subsidiary of the German Land of Hessen. Founded in 2009, its task is to provide comprehensive and neutral information to the communities and residents around Frankfurt Airport regarding all developments and effects of the airport on the region. For this purpose it operates and coordinates the various monitoring programs (noise, environment, social monitoring) and carries out a wide range of events on airport-related issues.

The UNH is part of the Forum for Airport and Region (FFR), as well as the convention in which all parties involved in the airport are represented, and the expert group on active noise protection, whose main task is the conception, presentation and promotion of active noise abatement measures.

The conference is aimed at publicising the active noise abatement measures planned for Frankfurt Airport, organising an international exchange of information with other airports, flight safety organisations and airline companies so that the latest information on this issue can be used for the benefit of Frankfurt.

## Organisational details

Venue:  
Hilton Frankfurt/Main,  
Hochstraße 4

**23.09. - 24.09.2010**

A contingent of rooms has been reserved at preferential rates for persons attending the conference.

Areas for corporate presentations are available to a limited extent. Please address any enquiries to the Umwelt- u. Nachbarschaftshaus

**Reservations and enquiries** on all organisational details:

by e-mail to:  
[info@umwelthaus.org](mailto:info@umwelthaus.org)

Tel.: +49 (0) 6142 83569 -0 or -13  
Fax: +49 (0) 6142 83569 -19

### Attendance fee:

A flat rate of euro 250 shall be charged for attendance at the conference.

For members of the Convention in the FFR and students, a discounted fee will be charged.

As attendance is limited, we recommend that you reserve your place early. Binding reservation for attendance only after receipt of the attendance fee.

## Reservation

Pre-Reservations by e-mail please to [info@umwelthaus.org](mailto:info@umwelthaus.org)

Confirmation message with details will be send after formal registration is opened.

Room reservation in the Hilton Hotel under the heading of "Noise Abatement" mail:  
[reservationteam.frankfurt@hilton.com](mailto:reservationteam.frankfurt@hilton.com)

## Organiser:

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