



Deutsche Gesellschaft
für Luft- und Raumfahrt
Lilienthal-Oberth e.V.



ROYAL AERONAUTICAL SOCIETY
HAMBURG BRANCH E.V.

VDI

Verein Deutscher Ingenieure
Hamburger Bezirksverein
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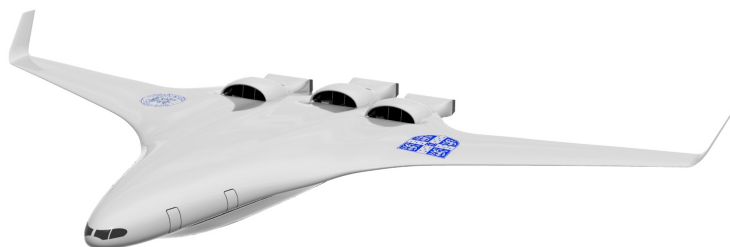


The Royal Aeronautical Society Hamburg Branch
invites to a Lecture

Praxis-Seminar Luftfahrt

Towards a Silent Aircraft

Prof. Ann Dowling and Dr. Tom Hynes, University of Cambridge



The Silent Aircraft Initiative (SAI) was launched with the aim of developing a conceptual design for an aircraft, whose noise would be almost imperceptible outside the perimeter of an urban airport. The project has been carried out through collaboration across a wide range of institutions. Avoiding some traditional aircraft noise sources requires a radical rethink about the configuration. An all-lifting design has many benefits and the emerging conceptual design, SAX40, is predicted to achieve a radical reduction in noise and to use 25% less fuel per passenger mile than the best of current aircraft.

Ann Dowling is Professor of Mechanical Engineering at the University of Cambridge, Head of the Division in which research in energy and aeronautics is carried out in the University, and Director of the University Gas Turbine Partnership with Rolls-Royce.

Tom Hynes is a Senior Lecturer at the Whittle Laboratory, part of the Engineering Department at Cambridge, where he has worked since 1978, having progressed to engineering after training as a mathematician in Cambridge. He led the Engine Team on the Silent Aircraft Initiative.

When: Tuesday, 27th May 2008, 19:00 h

Where: Hochschule für Angewandte Wissenschaften (HAW), Berliner Tor 5
(Neubau), Hörsaal 01.12, 20099 Hamburg

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**DGLR Bezirksgruppe Hamburg: Internetseite zur Vortragsreihe:
RAeS Hamburg Branch**

<http://hamburg.dglr.de>
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Der Besuch der **Veranstaltung ist steuerlich absetzbar**. Bringen Sie dazu bitte eine ausgefüllte Teilnahmebestätigung zur Unterschrift zum Vortrag mit. Mittels **E-Mail-Verteilerliste** wird über aktuelle Veranstaltungen informiert. **Vortragsunterlagen** vergangener Veranstaltungen, aktuelles **Vortragsprogramm**, Eintrag in E-Mail-Verteilerliste, Vordrucke der Teilnahmebestätigung: Alle Services über die Internetseite zur gemeinsamen Vortragsreihe von DGLR/VDI/RAeS/HAW: <http://hamburg.dglr.de> .