



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



Luftfahrtstandort
Hamburg



ROYAL AERONAUTICAL SOCIETY
HAMBURG BRANCH E.V.

VDI

Verein Deutscher Ingenieure
Hamburger Bezirksverein
Arbeitskreis Luft- und Raumfahrt



**The Royal Aeronautical Society Hamburg Branch
invites to a Lecture**

Praxis-Seminar Luftfahrt

The Story of Jet VSTOL Development in the UK

John Farley OBE AFC CEng HonDTech HonDEng

The talk looks back over 57 years of jet VSTOL development and service. It starts with the part played by RAE (back in 1951) in developing a reaction control system that led to the Rolls-Royce Flying Bedstead becoming the world's first jet powered hovering vehicle. It goes on to cover the parts played by eight individuals who took the critical decisions (all before 1960) which enabled the Harrier family of aircraft to emerge and then enter RAF service in 1969

It continues with some highlights of the later development of the Harrier and the importance of the continuing VSTOL control work of former RAE scientists (initially at Bedford and now at Boscombe under the QinetiQ banner) and ends with a look at the UK contribution to the Joint Strike Fighter, currently being developed to replace the Harrier.

The lecturer did his engineering training as an apprentice at the Royal Aircraft Establishment Farnborough before joining the RAF for pilot training in 1955. After flying Hunters with 4 Squadron, based in Germany, he was a flying instructor at the RAF College Cranwell before joining the Empire Test Pilot's School course in 1963.

Following a distinguished pass from ETPS he became a test pilot on the RAE Aerodynamics Research Flight at Bedford. During this tour he flew all the UK research aircraft then flying

As RAE project pilot on the P1127 prototype in 1964, he started what was to become 19 years of Harrier programme test flying moving from the RAE to join Dunsfold from where he retired as Chief Test Pilot. John Farley has flown over 80 different aircraft types, both fixed and rotary wing. In 1990 he became the first western test pilot invited by the Russians to fly the Mig-29 and more recently participated with Lockheed as a JSF Red Team member. He retired from test piloting in 1999 but continues to consult on flight test programmes



When: Thursday, 13th November 2008, 18:00 h (!Note new time!)
Where: Hochschule für angewandte Wissenschaften (HAW), Berliner Tor 5 (Neubau), Hörsaal 01.11, 20099 Hamburg

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

<http://hamburg.dglr.de>
<http://www.raes-hamburg.de>

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> .