Deutsche Gesellschaft
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Hamburger Bezirksverein e.V.
Arbeitskreis Luft- und Raumfahrt

Invitation to an RAeS lecture in cooperation with the DGLR and VDI

The Cabin Environment and Crew Performance

Prof. Michael Bagshaw, FRAeS

Jarvis Bagshaw Ltd

Lecture
followed by discussion

Entry free !
No registration required !

Date: **Thursday, 3rd December 2015, 18:00**
Location: **HAW Hamburg**
Berliner Tor 5, (Neubau), Hörsaal 01.12

Hochschule für Angewandte Wissenschaften Hamburg
Hamburg University of Applied Sciences
Praxis Seminar Luftfahrt

In December 2010, an A319 operated an early morning flight from Vienna to Cologne. The aircraft was new and had just entered service. While turning on to base leg following descent the crew noticed a strong smell on the flight deck. The smell persisted so the two pilots donned their oxygen masks and declared an emergency. The crew reported that they subsequently felt miserable and described their state as nauseous, light headed and not able to concentrate. There were no reports from passengers or flight attendants. The aircraft landed safely, but after landing the co-pilot was unable to walk down the aircraft stairs unaided and required assistance to help him disembark. Medical examination revealed nothing of significance and both crew members subsequently recovered without treatment. The aircraft was fully examined by the airline technical department, but no faults were found and it was released back into service with no further reported problems. In-flight fume events involving a range of aircraft, particularly in Europe and the USA, have led to a range of reported symptoms and signs amongst a small number of crew, giving rise to the concept of the so-called ‘aerotoxic syndrome’. This lecture will explore the physiology and pathology of the condition and examines the possible association with jet engine bleed air.

Michael began his career as a Royal Air Force medical officer then trained as a fast jet pilot flying the Hunter, and later the Jaguar, before becoming a QFI at RAF College Cranwell. He was later the RAF senior medical test pilot at Farnborough. After his air force career, Michael became a National Health Service doctor (hospital consultant and general practitioner), continuing to fly as an RAFVR and civilian QFI. He returned to aviation medicine, eventually becoming Head of Medical Services at British Airways for 12 years. After retirement he was appointed Professor and Director of Aviation Medicine at King's College London. He holds an Airline Transport Pilot Licence, and has flown a number of airline types and executive jets. He is currently a CAA and EASA approved flight examiner. Today he is Associate at Jarvis Bagshaw Ltd. Michael is aeromedical adviser for Airbus and many other organisations.

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RAeS Hamburg Branch http://www.raes-hamburg.de
VDI, Arbeitskreis L&R Hamburg http://www.vdi.de/2082.0.html

HAMBURG AVIATION www.hamburg-aviation.com

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 .