

RAeS Hamburg in cooperation with the DGLR, VDI, ZAL & HAW invites you to a lecture

Concorde – Memories of SST Design & Development

Dudley Collard, former aerodynamicist, Groupe Technique Concorde, Aerospatiale

Date: Thursday 02 April 2020, 18:00

Location: HAW Hamburg Berliner Tor 5, (Neubau), Hörsaal 01.11

Lecture followed by discussion
No registration required!
Entry free!



Dudley will describe the start of his career working at Avro in Canada and Boeing in Seattle before moving to France to work on the Concorde project.

He will discuss the reasons for Concorde's unique shape giving examples of the design evolution and describe the powerplant installation with its complex control system.

He will conclude by discussing the post entry-into-service problems and end by showing the development potential of the basic Concorde design.

The lecture will give an insight into the methods used in the 1960's to design this unique aircraft

After obtaining a B.A. in Mathematics at Reed College Portland, Oregon, Dudley started his career in the aircraft industry in June 1955, at Avro aircraft in Toronto, Canada working in the aerodynamics dept. on the Avro Arrow supersonic interceptor.

In September 1957 he moved to the Boeing Company in Seattle and joined the newly formed group organised to carry out supersonic transport studies. In September 1962 he joined the aerodynamics department of Sud Aviation in Toulouse France, where he started to work on the Concorde project eventually becoming responsible for the overall Concorde aerodynamic development.

Following the end of the Concorde Programme he worked on Aerospatiale's second generation SST, on the Airbus A 320 and on the Hermes European space shuttle project. He was Head of Future SST studies when he retired in October 1992.

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