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Vehicle seat comfort and design

Prof Peter Vink

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Abstract

Comfort in vehicle seats is important in increasing sales but also in making passengers feel good and even prevent musculoskeletal injuries. Comfort is influenced by many factors. In this presentation scientific research is presented, which gives background to a design of seats focused on comfort. Attention will be paid to avoiding inactivity, how human senses work and recordings of aircraft interior elements that influence comfort.

Biography

Prof dr Peter Vink is professor at the faculty of Industrial Design Engineering at the TU-Delft. His work concerns environmental design. From 2015-2021 he was head of the department Sustainable Design Engineering at this faculty, where he did lead a group of 110 researchers and teachers. He did write more than 250 papers and books in the field of comfort, performance and design of interiors. His latest book is 'seat comfort and design' (Pumbo, 2023), which is a follow up of 'aircraft interior comfort and design' co-authored by Klaus Brauer, one of the leading designers of the Boeing 787 interior (CRC Press, Boca Raton, 2011). Peter is on the editorial board of several journals, like Applied Ergonomics and Work. According to https://exaly.com/author/2387407/peter-vink/rankings, Peter Vink is the "2nd most published author in *Applied Ergonomics* (Lifetime)". *Applied Ergonomics* is the Q1 journal in his field.