

Curriculum Vitae

PROF. DR.-ING. PETER HECKER

CURRENT POSITION

Name of company

Technische Universität Carolo-Wilhelmina
zu Braunschweig

Job position

Full Professor (C4/W3) and Managing
Director of the "Institute of Flight Guidance"
since 2005

PROFESSIONAL BACKGROUND

Until 2005, Prof Hecker was Head of the Department "Pilot Assistance" performing and coordinating research at the German Aerospace Research Centre (DLR). From 1989 to 2000, he worked as Research Scientist and managed national and international research projects at the German Aerospace Research Establishment DFVLR.

Prof Hecker is performing and managing research and education in the field of Flight Guidance and Air Traffic Management including enabling technologies like GNSS, Avionics, Human Machine Interaction and Aviation Safety. He holds different positions, such as Member of the Board of Directors of the "Association for Scientific Development of ATM in Europe" (ASDA), Member of the Board of Directors of the Braunschweig Research Airport e.V. as well as Member of the Board of Directors of the Aeronautics Research Centre Niedersachsen (NFL).

He is also Member of the Deutsche Gesellschaft für Luft- und Raumfahrt e.V. (DGLR), of the Deutsche Gesellschaft für Ortung und Navigation (DGON, „German Institute of Navigation“) and of the Institute of Navigation (ION).

Prof Hecker is Member of the SESAR JU Administrative Board representing the Scientific Community since 2007, Member and vice chair of the SESAR JU Scientific Committee, Member and chairman of the Clean Sky Scientific Committee and Member of the Scientific Advisory Board of the "German Institute of Navigation" DGON.

Since 2007, Prof Hecker has also some reviewing and evaluation activities, as to know, Technical Expert of the European Commission in the aviation domain and Evaluator of EC Framework Programmes.

EDUCATION AND TRAININGS:

Prof. Hecker is Doktor-Ingenieur (Dr.-Ing.) in Aviation CNS Technologies, Image Based Navigation of Aircraft and holds a diploma of Electrical Engineering specialized in Communications Technology and Computer Science from the *Technische Universität Carolo- Wilhelmina zu Braunschweig*.

EXTRAS:

He published more than 100 scientific publications in books, peer reviewed journals, journals and conferences.