

Biographical Details

Gert F. Trommer (AFRIN) received the Dipl.-Ing. and the Dr. Ing. degrees from the Technical University of Munich, Germany in 1978 and 1982, respectively, followed by research on optical waveguides, resulting in his habilitation degree in 1990 as Dr.-Ing. habil.

In 1987 he joined the European Aeronautic Defence and Space Agency EADS, formerly Messerschmidt-Bölkow-Blohm for the development of Laser- and Fibre Optic-Sensors.

Since 1991 he was head of the department "Fibre Optic Gyros", developing passive FOG configurations.

Since 1995 he was head of the department "Inertial- and Sensor Techniques" as well as project manager for the development of the Inertial Measurement Unit in the British ASRAAM program.

Since 1997 he was director of the section "Flight Control Systems" with focus on the development of the Navigation, Guidance and Control Subsystem, the IR Seeker and the Fin Actuation System for the German/Swedish joint missile KEPD-350 program.

Since 1999 he is full professor for electrical engineering and director of the "Institute of Systems Optimization" at the University of Karlsruhe, Germany. Here his research interests are focused multi sensor navigation Systems, deeply coupled GNSS/INS integration, Navigation, Guidance & Control for autonomous Micro Aerial Vehicles (MAV), image based tracking, geo-localization and flight control, indoor navigation, terrain referenced navigation systems.

Since 2004 he is Dean of the Department of Electrical Engineering and Information Technology at the University of Karlsruhe.