

Bernard Henri Fleury  
Professor  
Department of Electronic Systems  
The Technical Faculty of IT and Design  
Wireless Communication Networks  
**Postal address:**  
Fredrik Bajers Vej 7  
A4-212  
9220  
Aalborg Ø  
Denmark  
**Email:** fleury@es.aau.dk  
**Phone:** 9940 8629  
**Mobile:** 3028 1754



## Short CV

Bernard H. Fleury received the Diploma in electrical engineering and mathematics in 1978 and 1990, respectively, and the Ph.D. degree in electrical engineering from the Swiss Federal Institute of Technology Zurich (ETHZ), Switzerland, in 1990.

Since 1997, Berhand H. Fleury has been with the Department of Electronic Systems, Aalborg University, Denmark, as a Professor of communication theory. He is the Head of the Section Navigation and Communications, which is one of the eleven laboratories of this Department. From 2006 to 2009, he was a Key Researcher with the Telecommunications Research Center Vienna (FTW), Austria. During 1978–1985 and 1992–1996, he was a Teaching Assistant and a Senior Research Associate, respectively, with the Communication Technology Laboratory, ETHZ. Between 1988 and 1992, he was a Research Assistant with the Statistical Seminar at ETHZ.

Prof. Fleury's research interests cover numerous aspects within communication theory, signal processing, and machine learning – mainly for wireless communications. His current scientific activities include stochastic modelling and estimation of the radio channel especially for MIMO systems operating in harsh conditions, iterative message-passing processing with focus on the design of efficient feasible architectures for wireless receivers, localization techniques in wireless terrestrial systems, and radar signal processing. He has authored and co-authored more than 120 publications in these areas. He has developed with his staff a high-resolution method for the estimation of radio channel parameters that has found a wide application and has inspired similar estimation techniques both in academia and in industry.