

Prof. Dr.-Ing. Gerhard Bauch

Institute of Communications
Hamburg University of Technology (TUHH)

Eißendorfer Straße 40
21073 Hamburg, Germany
e-mail: bauch@tuhh.de
phone: +49 40 42878-3128



Professional Experience

since 2023	Dean of the School Electrical Engineering, Computer Science and Mathematics, Hamburg University of Technology (TUHH), Germany
since 2012	Head of Institute of Communications, Hamburg University of Technology (TUHH), Germany
2009 – 2012	Full Professor for Information Processing, Universität der Bundeswehr Munich, Germany
2002 – 2009	DOCOMO Communications Laboratories Europe (DOCOMO Euro-Labs), Munich, Germany ▪ 2002-2004 Senior Research Engineer ▪ 2004-2009 Project Manager and Head of the Advanced Radio Transmission Group ▪ since 2007 Research Fellow
2003 – 2008	Adjunct Professor, Technische Universität München (TUM)
in 1998/1999	Visiting Researcher, AT&T Labs Research, Shannon Laboratory, Florham Park, New Jersey, USA
1996-2001	Research Associate, Institute for Communications, Technische Universität München (TUM)
1996	Scientific Staff Member, Institute of Telecommunications, German Aerospace Center (DLR)

Selected Committees

2023	Executive Vice President of the IEEE Vehicular Technology Society (VTS)
2022	Vice President Mobile Radio of the IEEE Vehicular Technology Society (VTS)

since 2021	Member of the Board of Directors, Information Technology Society (ITG) of the Association for Electrical, Electronic & Information Technologies (VDE)
since 2020	Elected member of the review board of the German Research Foundation (DFG)
since 2019	Member of the Board of Governors of the IEEE Vehicular Technology Society (VTS)
2015 - 2018	Vice Chair (2015/2016) and Chair (2017/2018) of the German Chapter of the IEEE Information Theory Society
since 2013	Chair of the German Chapter of the IEEE Communications Society
since 2007	Member of the Selection Committee and Liaison Lecturer of the Studienstiftung des deutschen Volkes (German Academic Scholarship Foundation)

Member in several technical program committees, editorial boards, technical committees and evaluation committees.

Honors

2022	Best Paper Award of the IEEE International Conference on Communications (ICC)
2021	Fellow of the Asia-Pacific Artificial Intelligence Association (AAIA)
2020	Certificate of Honor of the Information Technology Society (ITG) of the Association for Electrical, Electronic & Information Technologies (VDE)
2015	Fellow of the Institute of Electrical and Electronics Engineers (IEEE)
2011 - 2015	Distinguished Lecturer of the IEEE Vehicular Technology Society
2009	Best Paper Award of the IEEE Globecom Conference
2009	Best Paper Award of the IEEE International Conference on Communications (ICC)
2008	Best Paper Award of the IEEE Globecom Conference
2007	Best Paper Award of the Information Technology Society (ITG) in VDE
2005 and 2009	DOCOMO Euro-Labs Company Awards

2002	Dissertation Award of the Information Technology Society (ITG) in VDE
2001	Texas Instruments Dissertation Award of Technische Universität München (TUM)
1997	Best Paper Award of the European Personal Mobile Communications Conference (EPMCC)

Education

2001	Dr.-Ing. degree from Technische Universität München (TUM) (summa cum laude)
1990 – 1995	Electrical Engineering and Information Technology, Technische Universität München (TUM), Dipl.-Ing. Degree 1995 (equivalent to M.Sc. in Electrical Engineering and Information Technology)
1992 – 2001	Economics at FernUniversität Hagen Dipl.-Volksw. degree 2001 (equivalent to M.Sc. in economics)

Social Activities

2009 – 2012	Chair of the Orchestergemeinschaft München-Andechs e.V.
2006 – 2012	Treasurer of the Symphonic Orchestra Munich-Andechs
2004 - 2006	Member of the Parish Council of the Lutheran Parish Starnberg