

Ulf Johannsen obtained the Dipl.-Ing. degree in electrical engineering from Technische Universität Hamburg-Harburg (TUHH) in Hamburg, Germany, in 2009 and the Ph.D. degree from Technische Universiteit Eindhoven (TU/e), the Netherlands, in 2013.

Following his occupation at the TU/e, he started as Senior Systems Engineer at ATLAS ELEKTRONIK GmbH in Bremen, Germany. He worked as system designer and engineering manager on autonomous underwater vehicle (AUV) systems. His responsibilities included the specification and architecting of AUV systems for mine countermeasure platforms as well as the lead of multi-disciplinary development teams in order to meet those specifications within time and budget. In 2016 he returned to the TU/e where he is currently employed as Assistant Professor.



Dr. Johannsen's main research focus is concentrated on (Bi-)CMOS-integrated millimeter-wave antenna and antenna array systems. Moreover, he is conducting research on Smart Dust, i.e. the integration of complete sensor and communication systems into a single miniaturised node. Throughout his research he has collaborated with several international and national companies, research institutes, and universities and completed an exchange project with IMST GmbH in Kamp-Lintfort, Germany. He is a member of IEEE and VDE and was the chair-person of the organisation committee of the fifth European Microwave Week Student Challenge in Amsterdam in 2012.