

Curriculum Vitae

Prof. Dr.-Ing. Oliver Michler



Educational Qualifications

PhD (Doctor)	Doctor of Electrical Engineering, Information Technology and Automation
Diplom (Master)	Diplom-Ingenieur in Electrical Engineering, Information Technology and Automation

Scientific and Professional Positions (since 1993)

1993 - 1997	Scientific Staff and PhD-Research of TU Dresden, Faculty of Electrical and Computer Engineering; Doctoral research in the field of in the field of sensitivity and robustness analysis of linear systems
1997 – 2000	Scientific Project manager at Video-Audio-Design GmbH as a Telkom-Partner; Fields of work: Basic research on digital audio, video and data broadcasting, sensor technology with mobile data acquisition with data fusion in mobile vehicle operation
2000 – 2005	Scientific Staff at Fraunhofer Institute for Transportation and Infrastructure Systems Dresden; Department of Intermodal Traffic Information and Management Systems / Mobility Systems
2005 – 2008	Professor at University of Applied Sciences Dresden in Signal Processing and Electronic Measurement Techniques; Teaching and research areas: Signal processing, message transmission and Electronic Measurement
2008 –	Full Professor at TU Dresden in Systems Information Technology, Faculty of Transportation and Traffic Sciences, Institute of Traffic Telematics
2010 – 2017	Establishment and management of a TU research group at the Fraunhofer Institute for Transportation and Infrastructure Systems, Department of Positioning, Information and Communication (OIK) with topics from applied research on localisation procedures, energy efficiency of sensors and bandwidth-optimised data transmission.
2019 -	Director of TU Dresden of Institute of Traffic Telematics
2022 –	Study Dean, Faculty of Transportation and Traffic Sciences, Transport Engineering Diploma, Bachelor and Master programs

Scientific Advisory Board member / Fellow

Companies (i.e. MRK Group, Metirionic, aeroLiFI)

International Organizations (i.e. ION, DGON, SiliconSaxony)

International Conferences (i.e. MT-ITS, WEEF-GEDCWPNC, ENC, IPIN, IARIA)