

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 Telekom-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

Scientific Advisory Board member

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

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

International Conferences (i.e. MT-ITS, WPNC, ENC, IPIN, SPACOMM/IARIA)