

Biography

Dr. Udo Klotzbach - Fraunhofer institute for material and beam technology Dresden, grew up in Germany and received his Diploma degree from the Technical University of Dresden in 1995 (Diplomingenieur Electrical Engineering and Information Technology). After he worked at Fraunhofer Institute Integrated Circuit/Dresden (IC Designer); Thuringian State Chancellery/Erfurt (Team leader New Media and Communication Technology), Technical University Dresden / Fraunhofer Institute for material and beam technology Dresden (Assistant to the chair Laser and Surface Engineering); Ministry for economic affairs and labour Saxony, Dresden (Consultant Technology funding). Since 2001 he is working at Fraunhofer Institute Material and Beam Technology, Dresden with responsibility of laser micro processing. In 2006 he obtained his Ph.D. Degree from the Technical University of Vienna.

Currently he is responsible for the following business unit areas micro material processing, surface functionalization and Micro- and Biosystems engineering.

He has received awards, Dorothy Hegarty Award Winners 2012/ ATLA Alternatives to Laboratory Animals and EARTO Innovation Awards 2018 3rd place/category »Impact Expected Award for Microsystem - Multi-Organ-On-Chip of the Fraunhofer IWS - European Association of Research and Technology Organizations.

Work in advisory boards, program committees and working groups: in 2019/2020: Program Committee - International Symposium on Laser Precision/ Microfabrication LPM, Japan Laser Processing Society, Japan; since 2013 - Conference Chair SPIE - Photonics West Laser-based Micro-and Nano- Processing, San Francisco/USA; Photonics 21, working group industrial Manufacturing and Quality, Brussels/Belgium, since 2004 European Photonics industry Consortium (EPIC); Paris/France; Brussels/Belgium.