



**Thomas Wittenberg** studied Computer Science at the Christopher Newport University, Newport News, VA, USA, and the Friedrich-Alexander-University Erlangen-Nuremberg, Germany. He received his Diploma degree in Informatics in 1992. From 1992 to 1993, he worked as software developer at the Fraunhofer-Institute for Integrated Circuits IIS in the department for Electronic

Systems. From 1993 until 1999 he held a position as researcher in the Ear-Nose-Throat (ENT) clinic (department of Phoniatics and Pediatric Audiology) of the University Erlangen, Germany. In 1998 he received a PhD in Engineering from the chair of Technical Electronics with a thesis on "Knowledge-based semi-automatic motion analysis of vocal fold vibrations from digital high-speed camera recordings". From 1999 to 2009 Dr. Wittenberg has been heading the group "Medical Image Processing and Computer-Assisted Diagnostics" at the Fraunhofer-Institute for Integrated Circuits IIS. Since 2009 he is heading the group "Biomedical Research" at the Fraunhofer IIS and additionally holds a position as chief scientific officer (CSO, chief scientific officer) in the department for image processing and biomedical engineering. Since 2008, he is also deputy head of the department.

Since 1999, he is external lecturer at the Department of Computer Science at the Erlangen University and since 2008 at the University of Applied Sciences in Coburg, and has received the "venia legendi" (Habilitation) in the field of "Applied Informatics" in 2011.

Dr. Wittenberg has been member of the "Center of Excellence" (SFB) 603 "Model-Based Analysis and Visualization of Complex Scenes and Sensor Data", and the Graduate Research Center "3-D Image Analysis and Synthesis". Currently he is member of the "Center of Excellence" (SFB) 796 "Steering Mechanisms of microbial infectors" as well as the International Max-Planck Research School of Optics and Imaging".

His scientific research activities are medical image processing applications with focus on diagnostic and interventional endoscopy, computer assisted microscopy,

as well as mammography with a focus on tissue analysis and image segmentation.

He has edited and co-edited several proceeding volumes, is author and co-author of over 250 publications in scientific journals and proceeding volumes, and has been reviewer for IEEE EMB, JASA and several international workshops in medical image processing.

He is member of the DGE-BV, DGBMT, CURAC and GMDS. In the German Societies for Biomedical Technology (DGBMT) and Endoscopy and Imaging (DGE-BV), Dr. Wittenberg is currently member of the scientific boards.