



Klaus Diepold was born (1961), raised and educated in Munich, Germany. He received a Dipl.-Ing. degree and a Dr.-Ing. degree both in Electrical Engineering from Technische Universität München in 1987 and 1992, respectively.

In the years 1993-94 he was a research engineer with the Institute for Broadcasting Technology (IRT – Institut für Rundfunktechnik) in Munich, being engaged in national research projects (HDTV-T) and contributing actively to the specification of digital terrestrial television systems (DVB-T).

In 1994 he joined International Digital Technologies (IDT) Deutschland GmbH, a research think-tank für the Kirch Group, where he served as a Project

Manager and Technical Director until 1999. From 1999 until 2002 he was the Chief Technical Officer of DynaPel Systems, Inc., a New York based company in the video signal processing and video compression industry. He also acted as the Managing Director of the German subsidiary DynaPel Laboratories GmbH, Ismaning, Germany.

In 2002, Klaus Diepold joined the Technische Universität München as a full professor at Department of Electrical Engineering and Information Technology, holding the chair for Data Processing. His main interest is in all algorithmic and computational aspects of motion picture technology, video processing and compression, computer graphics and computer vision as well as information security including Digital Rights Management and Cryptography. More recently he is involved in a cooperative research center on high-fidelity telepresence and teleaction dealing with computational issues in visual and auditory telepresence.

He is the lead architect of DynaPel's award winning video post-production tools MotionPerfect® (Award for most innovative software 2001), which was launched in 2000 at the Demo Conference, as well as its successor SteadyHand. He has developed data analysis tools and motion estimation techniques and implemented MPEG-4 video codecs and holds several patents on video signal processing algorithms and applications, and has published numerous papers on network theory and signal processing algorithms.

Since 1995 he is an active member of the MPEG group, mainly focusing on video aspects in the MPEG-4 video and requirements subgroups. He was actively involved with the MPEG-4 Industry Forum to promote the MPEG-4 standard for interactive television services and media streaming applications. More recently he is engaged in launching MPEG-A activities.

In 1992 he won the ITG Award („Literaturpreis“). In 2004 he received the „Dozentenpreis“, an award given out by students for excellency in teaching. He is a member of IEEE and ACM Siggraph; he is on the board of the Center of Digital Technology and Management (www.cdtm.de) and a member of the „Münchner Kreis“ (www.muenchner-kreis.de).