BIO

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Session:	3: Digital video
Title of Presentation:	Standardization in JVT: Scalable Video Coding

Session:	6: Future trends in VICA
Title of Presentation:	Exploration work in MPEG Video

Jens-Rainer Ohm received the Dipl.-Ing. degree in 1985, the Dr.-Ing. degree in 1990, and the habil. degree in 1997, all from Technical University of Berlin (TUB), Germany. From 1985 to 1990, he worked as research and teaching assistant at the Institute of Telecommunications at TUB. From 1990 to 1995, he performed work within research projects on image and video coding at the same location. Between 1992 and 2000, he has also served as lecturer on topics of digital image processing, coding and transmission at TUB.

From 1996 to 2000, he was project manager/coordinator at the Image Processing Department of Heinrich Hertz Institute (HHI) in Berlin. He was involved in research projects on motion-compensated, stereoscopic and 3-D image processing, image/video coding and content description for image/video database retrieval. Since 1998, he participates in the work of the Motion Pictures Experts Group (MPEG), where he has been active in the development of MPEG-4 and MPEG-7 standards.

In 2000, he was appointed full professor and since then holds the chair position of the Institute of Communication Engineering at RWTH Aachen University, Germany. His present research and teaching activities are in the areas of multimedia communication, multimedia signal processing/coding and services for mobile networks, with emphasis on video signals, also including fundamentals of digital communication systems.

He has served as a chair of the MPEG Video Subgroup from May 2002 to January 2005; since then, he is one of the co-chairs of the group. From January 2005, he is also co-chairing the Joint Video

Team (JVT), presently involved in the development of the scalable video coding (SVC) extensions of the AVC standard. Prof. Ohm has authored textbooks on multimedia signal processing, analysis and coding, on communications engineering and signal transmission, as well as numerous papers in the various fields mentioned above.