

**TAGA
HONORS AWARD 2001
to
Prof. Dr.-Ing. habil. Helmut
Kipphan**



for his almost 30 years in graphic arts occupations; for his 23 years in research at Heidelberger Druckmaschinen AG; for his part in the development of the Computer Print Control (CPC) - System, print quality, color and register measurement and control, and ink presetting systems leading to over 30 patents; for his direction of studies on conventional, non-impact and hybrid printing technologies; for his 30 years on the faculty of Mechanical Engineering of Karlsruhe University studying, researching, developing and teaching measurement systems to investigate technical processes; for his cooperation with research institutes, companies and customers; for his eight years in TAGA, his four technical papers at TAGA conferences, the more than 16 further papers on international scientific and technical conferences and six years on the Board of Directors, TAGA honors Professor Dr. Helmut Kipphan.

Helmut Kipphan was born in Heidelberg, Germany in 1943. From 1957 to 1963 he served an apprenticeship as a toolmaker and worked as a toolmaker, technical draftsman and designer for offset printing presses at Heidelberger Druckmaschinen AG. From 1963 to 1971 he obtained two Engineering (Dipl.-Ing.) degrees, one at the University of Applied Sciences in Mannheim in practical mechanical engineering, and the second in theoretical mechanical engineering, measurement and control technology at Karlsruhe University where he remained as a Scientist in the Institute for Measurement and Control Engineering and received a degree of Dr.-Ing. for his doctoral-thesis in 1975. With a post-doctoral thesis he obtained the degree "habilitation" in 1979. Since 1979 he has been a lecturer at Karlsruhe University and in 1985 was appointed as Professor (Prof. Dr.-Ing. habil.).

In 1978 Helmut rejoined Heidelberg Druckmaschinen AG and began his career as a research engineer. In 1980 he became head of the Research Department with main activities in the fields of printing technology, measurement and simulation techniques and press automation. Special activities involved the development of the Computer Print Control (CPC) - System, with densitometrical and spectrophotometrical print quality/color measurement techniques, color register measurement, plate image reader for ink presetting, printing process and production automation, leading to more than 30 patents.

In 1986 he became Vice President of research, technology and patent affairs. In 1992 he became Senior Vice President for Technology and Innovation Research dealing with advanced and future technologies for digital print production, with conventional printing, non-impact printing and hybrid printing technologies. His main activities are researching new technologies, knowledge/technology transfer and cooperation with research institutes, companies and customers.

Helmut's first TAGA Annual Conference was in 1993 in Minneapolis (MN). Since then he has participated in TAGA conferences with four technical papers, supported students and built up international relations. In 1995 he was elected to the TAGA Board where he has a special focus on education and international cooperation. For his support of education and his activities to make TAGA more international TAGA now distinguishes Professor Dr.-Ing. habil. Helmut Kipphan with the 2001 TAGA Honors Award.