

Technology and Science. He also served on the steering and technical program committees for the IEEE International Conference on MEMS, and served as a general co-chair for this meeting in 2002.



Rolf Göring received his Diploma in Physics from Lomonossov State University in Moscow and his Ph.D. in Nuclear Magnetic Resonance Spectroscopy in 1981 from Friedrich-Schiller University in Jena, Germany. He started at the Fraunhofer Institute for Applied Optics and Precision Engineering, in Jena, Germany, where he worked in the field of optical waveguides and fibers, including the development of a range of micro-optical devices.

In 1992, he became the head of the micro-optics section in the Fraunhofer Institute focusing mainly on beam-shaping systems for high-power laser diodes. Dr. Goering's interest was redirected to "moving micro-optics," leading to novel solutions for MOEMS scanners and switches. In 1999, he joined Piezosystem Jena as a Manager of micro-optics where he developed and commercialized a series of both single-mode and multimode optical fiber switches. In 2001, he joined Pyramid Optics Company as an R&D manager, offering high-quality fiber optic MOEMS switches, shutters, and couplers for the entire VIS/NIR wavelength range. Dr. Goering has contributed to SPIE by chairing and organizing several conferences. He has published numerous papers and is the editor of several SPIE proceedings.



Ridha Hamza graduated from the University of Grenoble in 1998 with a degree in Electrical Engineering. His graduate work was in the area of interface electronics for sensors. He joined MEMSCAP in 1999, where he was in charge of cooperative programs on CAD. He then took over the management of the development of MEMSCAP's UNIX based MEMS Design Platform MEMS Xplorer and MEMSCAP's foundry design kits. After two years as a Marketing Manager for CAD tools at MEMSCAP, he is now VP of European and Asian Operations at SoftMEMS. His main interests are in MEMS design methodologies.



Hans Peter Herzig received his diploma in physics from the Swiss Federal Institute of Technology in Zürich, Switzerland in 1978. From 1978 to 1982, he was a scientist with the Optics Development Department of Kern in Aarau, Switzerland, working in lens design and optical testing. In 1983, he became a graduate research assistant with the Applied Optics Group at the Institute of Microtechnology of the University of Neuchâtel, Switzerland, working in the field of holographic optical elements, especially scanning elements. In 1987, he received his Ph.D. in optics. From 1989 until 2001, he was head of the Micro-optics Research Group at the University of Neuchâtel. Since 2002, he has been a full professor and head of the Applied Optics Laboratory. His current research interests include refractive and diffractive micro-optics, nano-scale optics, and MOEMS. Dr. Herzig is senior editor of the *Journal of Microlithography, Microfabrication, and Microsystems* (JM3), a