

Short Vita – Prof. Dr. Klaus-Peter Hoffmann
Fraunhofer IBMT



Klaus-Peter Hoffmann received the doctoral degree (Dr.-Ing.) in Biomedical Engineering from the University of Technology in Ilmenau, Germany, in 1987. He is currently a Professor of Biomedical Engineering at the Hochschule fuer Technik und Wirtschaft des Saarlandes and acting as the head of the Department Medical Engineering and Neuroprosthetics at the Fraunhofer Institute for Biomedical Engineering in St. Ingbert. From 1980 to 1993 he was a Research Fellow at the University clinic of Neurology in Jena and led the Neuroelectrodiagnostic group. In 1991/92, he was Visiting Honorary Research Fellow at the ASTON University in Birmingham (UK) for a period of four months. After 1993, he was acting as product line manager for devices in Neurology and Polysomnography at Madaus Schwarzer Medizintechnik GmbH & Co KG in Munich. Since 1996, he was Professor for Medical Devices and Medical Measurement Technology at the Anhalt University of Applied Sciences in Köthen, Germany. He founded the Institute of Medicine and Technology and acted as leading director. He also established the Biomedical Engineering Program and taught the course on Biomedical Engineering. From 1998 to 2003, he was

Vice president of academic affairs at this University. His main research interests include the fields of clinical neurophysiology especially saccadic eye movement and Neuromonitoring as well as the field of Microsystems in Medicine especially sensors and actuators for Neuroprosthetics. He is the coordinator of national and European projects, and the author of more than 80 scientific papers and 10 book articles. He is also a member of the Board of Micro medicine of the German Association for Electrical, Electronic & Information Technologies (VDE), head of the working group "Neuroprosthetics" and member of the Board of Elsevier Neurophysiologie-Labor, Journal of neurophysiologic function diagnostics.

Short Vita - Dr. Falko Busse
Philips Medical Solutions



09/2004 – today *Vice President Philips Research*
Responsibilities

- Focal area manager for medical imaging systems research within Philips (X-ray, Computed Tomography, Ultrasound, Magnetic Resonance Tomography, Nuclear Imaging, Image Processing).
- Managing Director of an international sector within Philips Research Europe, with line responsibility for 130 scientists. The sector consists of the Research Laboratory in Hamburg, as well as a department in Aachen, Germany.
- Member of the management team of Philips Research Europe.

02/2002 – 08/2004 *Department head at Philips Research Aachen*
Responsibilities

- Manager of the Research department 'Imaging systems' with 50 scientists.
- Domain responsibility for the Research in the areas of X-ray systems and Nuclear Imaging.

01/2000 – 01/2002 *Project manager at Philips Medical Systems*

Responsibilities

Technical leader of an international development project to commercialize a novel solid state X-ray detector for cardiology applications.

Achievements

Successfully finished project within budget and time (18 months from start to first patient). The detector is now standard in all X-ray systems.

08/1994 – 12/1999 *Project manager at Philips Research Aachen*

Responsibilities

Managed several research projects in the areas of X-ray imaging technology, Computed Tomography and image processing.

Education

03/1994 – 07/1994 PostDoc in Jena (Germany) and Kopenhagen

01/1991 – 02/1994 PhD in Physics at the 'Rheinische Friedrich-Wilhelms-Universität' Bonn. Thesis on networks of Josephson junctions in HTC.

10/1985 – 12/1990 Diploma studies of Physics at the 'Rheinischen Friedrich-Wilhelms-Universität' Bonn. Thesis on Josephson junctions in HTC.

Awards

Doctoral scholarship of the Konrad-Adenauer-Stiftung.

Feodor Lynen Research Scholarship of the Alexander von Humboldt-Stiftung.

