



Prof. Karl Leo

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Karl Leo obtained the Diplomphysiker degree from the University of Freiburg in 1985, working with Adolf Goetzberger at the Fraunhofer-Institut für Solare Energiesysteme.

In 1988, he obtained the PhD degree from the University of Stuttgart for a PhD thesis performed at the Max-Planck-Institut für Festkörperforschung in Stuttgart under supervision of Hans Queisser.

From 1989 to 1991, he was postdoc at AT&T Bell Laboratories in Holmdel, NJ, U.S.A. From 1991 to 1993, he was with the Rheinisch-Westfälische Technische Hochschule (RWTH) in Aachen, Germany.

Since 1993, he is full professor of optoelectronics at the Technische Universität Dresden; since 2002, he is also at the Fraunhofer-Institute for Photonic Microsystems, presently as director.

His main current interests are novel semiconductor systems like semiconducting organic thin films; with special emphasis to understand growth, basic device principles and the optical response. Recently, he has also worked on device development, such as highly efficient organic LED and solar cells. His work was recognized by several awards, including the Leibniz-Award in 2002. He was involved in the founding of several companies including Novald AG and Heliatek GmbH.

