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Plasmonics - the art of performing optics and photonics with metals

BIO

Juerg Leuthold is the head of the department of Information Science and Electrical Engineering (D-ITET) and he is the head of the Institute of Electromagnetic Fields (IEF) of ETH Zurich, Switzerland. His interests are in the field of Photonics, Plasmonics and Microwave with an emphasis on applications in communications and sensing. Before his time at ETH he was affiliated with the Karlsruhe Institute of Technology (KIT) in Germany, where he was the Head of the Institute of Photonics and Quantum Electronics (IPQ) and the Helmholtz Institute of Microtechnology (IMT) in the time from 2004 until 2013.

From 1999 to 2004, he was affiliated with Bell Labs, Lucent Technologies, Holmdel, NJ, USA, where he performed device and system research with III/V semiconductors and silicon photonics for applications in high-speed telecommunications. Juerg Leuthold received the Ph.D. degree in physics from ETH Zurich in Switzerland for work in the field of integrated optics and all-optical communications in 1998.

<https://ief.ee.ethz.ch/people/leuthold.html>