



Biography Dr. Adolf Giesen, Director Institute of Technical Physics, DLR

Since 2007, Adolf Giesen is director of the Institute of Technical Physics, DLR's lasers institute in Stuttgart. The institute is working on lasers and laser systems for applications in the fields of aeronautics, astronautics, defence and security.

Between 1986 and 2007 Adolf was head of the laser and optics department at the "Institut für Strahlenwerkzeuge" of the University of Stuttgart. He worked mainly on CO₂ – lasers, solid-state lasers and optics for industrial applications. During this period, the "thin disk laser" design has been developed under Adolf's lead. This new design for solid-state lasers has been transferred to the German laser industry, successfully.

Between 1982 and 1986 Adolf worked on high power CO₂ – lasers at DLR's Institute of Technical Physics in Stuttgart.

1992 Adolf completed his Ph. D. at the University of Bonn. He holds a diploma in Physics.

2002 Adolf was awarded with the Berthold Leibinger Prize and in 2004 he was awarded with the Rank Prize, both for the invention and the development of the disk laser technology.