

Einladung zum Vortrag

Smart optics – an old new technology

von

Dr. Gleb Vdovin
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- **TERMIN:** Freitag, 23. September 2011, 10:00 Uhr
- **ORT:** Hörsaal EI 9, Gußhausstraße 25-29, Stiege 1, Erdgeschoss

■ **ABSTRACT**

Adaptive optics was suggested in the 5-th decade of the 20th century by H. Babcock (USA) and by V Linnik (USSR) for the compensation of atmospheric turbulence. In more than 50 years of development the technology found its way into industrial, medical, scientific and military applications.

The talk will give an overview of latest achievements in the field of adaptive and smart optics, with a reference to the products and systems developed by Flexible optical BV (OKO).

■ **BIOGRAPHICAL INFORMATION**

Gleb Vdovin received his masters degree in Optical Engineering in 1986 from the Leningrad Institute of Fine Mechanics and Optics (USSR), and his PhD in 1996 from Delft University of Technology in the Netherlands, with thesis "Adaptive mirror micromachined in silicon".

In 2009 he decided to terminate his appointment as Associate Professor at TU Delft, to have more freedom for business development. He is a founder of OKO Technologies, a company that since 1997 develops and produces adaptive optical components and systems. In 1997 he received Rudolph Kingslake Medal and Prize from SPIE. A number of papers published by Dr. G. Vdovin received citation index of higher than 100.

■ **WEITERE INFORMATIONEN**

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