



# KOLLOQUIUM

Institut für Elektrotechnik, Elektronik und Informationstechnik

## Modern fiber technology

**Dr. Lars Grüner-Nielsen**

OFS, Brøndby, Denmark

**Mittwoch, der 08.02.2006, 9<sup>00</sup> Uhr**

Cauerstraße 9, Seminarraum EL 4.14 (Sondertermin)

**Diskussionsleitung: Prof. Dr.-Ing. B. Schmauss**

The talk will give a review of the latest developments in optical fibers for telecommunications and components. Special attention will be given on fibers for bit rates of 40 Gbit/s and above with focus on dispersion management and application of Raman amplification.

The last part of the talk will address highly non linear fibers and rare earth doped fibers for optical components.