



# KOLLOQUIUM

Institut für Elektrotechnik, Elektronik und Informationstechnik

## All Optical Signal Regeneration

**Prof. Dr. Jürg Leuthold**

Universität Karlsruhe

**Donnerstag, der 13.07.2006, 17<sup>15</sup> Uhr**  
Cauerstraße 7/9, Hörsaal H5

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

All-optical regenerators for both on-off keying but also for novel phase-sensitive devices are reviewed. The emphasis is on all-optical schemes exploiting semiconductor optical amplifier (SOA) nonlinearities.