

EEI-KOLLOQUIUM

Integrated Receivers up to 220 GHz Utilizing GaAs-mHEMT Technology

Prof. Dr. Herbert Zirath

Chalmers University, Gothenburg, Sweden

Freitag, der 19.03.2010, 10³⁰ Uhr

Cauerstraße 9, Seminarraum 4.14

Diskussionsleitung: Prof. Dr.-Ing. R. Weigel

Recent results from Chalmers University on integrated receivers for remote sensing and communication applications from 60 GHz to higher frequencies will be described, based on III-V technologies. Receiver results for silicon and III-V technologies are compared with Schottky diode based receivers.