



# **Seminarankündigung**

**Dienstag, 12. Juli 2016  
17:15 Uhr**

**WSI, Seminarraum S 101**

## **“III-V-on-silicon photonic integrated circuits for optical communication and sensing”**

In this talk I will present the research carried out in the Photonics Research Group of Ghent University / imec on silicon photonic integrated circuits (PICs) for optical communication and sensing. This includes silicon PICs comprising high-speed Ge photodetectors and the integration of III-V sources and photodetectors through die-to-wafer bonding addressing a broad wavelength range from 1.5  $\mu\text{m}$  to 2.5  $\mu\text{m}$ .

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