

# On-chip devices for THz based diagnosis

*Thursday 27 September 2018 11:00 (1h 30m)*

We will introduce the current as well as planned on-chip devices manufactured in standard industrial processes for THz based diagnosis. This includes on-chip spectrometers, multi-element detectors providing spatial information as well as polarization sensitive approaches.

**Primary author:** Dr NEUMANN, Niels (TU Dresden, Chair for RF and Photonics Engineering)

**Co-authors:** Prof. PLETTEMEIER, Dirk (TU Dresden, Chair for RF and Photonics Engineering); Mr LAABS, Martin (TU Dresden, Chair for RF and Photonics Engineering)

**Presenter:** Dr NEUMANN, Niels (TU Dresden, Chair for RF and Photonics Engineering)

**Session Classification:** Poster Session

**Track Classification:** DIAGNOSTICS