

Keynote Speech 1

Progress in THz Technology Enabled by Photonics

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Abstract

As THz and millimetre wave technologies are further developing for a range of applications, photonics is one of the key technology for its development. We will discuss the different recent advances in photonic technologies for THz and millimetre wave. In particular we will look at integration technologies and their potential for reduced foot print and lower power consumption. We will although look at the comparative progress of electronic based solutions and discuss the future outlook of both technologies.