

Microwave Measurements: keeping pace with requirements in industry

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Abstract

This talk describes some of the recent developments that have occurred in recent years, in the area of microwave measurements, in order to keep pace with new developments taking place in science, engineering and technology. These measurements are impacting areas such as telecommunications, computing, security, healthcare and climate change monitoring. The talk shows how microwave measurements are being adapted and extended to cater for new technologies that underpin these areas. Several examples are given showing the current state-of-the-art for these types of measurement.

This lecture is based on invited lectures that were given at the University of Liverpool in 2017 and 2018 to final year electrical engineering undergraduate students at the university.