



TIMES

THZ INDUSTRIAL MESH
NETWORKS IN SMART SENSING
& PROPAGATION ENVIRONMENTS

Future wireless networks are envisioned to support novel applications that require similar performance as wired networks. The current 5G approaches have a hard time keeping up with such envisioned applications.

TIMES addresses this problem by **combining novel radio channel propagation measurements and modeling approaches**, spectrally efficient and reliable communications at Terahertz (THz) spectrum bands with intelligent mesh networking protocols and smart sensing and shaping of the propagation environment through reconfigurable metasurfaces.



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