

# Abstracts

## Impulse ground penetrating radar for nondestructive evaluation of pavements

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*Jeong Soo Lee, C. Nguyen and T. Scullion. "Impulse ground penetrating radar for nondestructive evaluation of pavements." 2002 MTT-S International Microwave Symposium Digest 02.2 (2002 Vol. II [MWSYM]): 1361-1363 vol.2.*

A novel impulse ground penetrating radar (GPR) has been developed and demonstrated for nondestructive evaluation of pavements. The GPR is completely fabricated using MICs. It has been used to measure the relative dielectric constants and thickness of various samples. Good agreement between the theoretical and measured results was achieved.

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