

# Abstracts

## Fibre-Optic Technologies for 30/60 GHz Pico-Cellular PCN and Mobile Systems

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*R. Heidemann, R. Hofstetter and H. Schmuck. "Fibre-Optic Technologies for 30/60 GHz Pico-Cellular PCN and Mobile Systems." 1994 MTT-S International Microwave Symposium Digest 94.1 (1994 Vol. I [MWSYM]): 483-485.*

A novel photonic technology for generation and distribution of mm-wave signals in advanced radio systems is described. Experimental results on the distribution of 60 GHz signals to more than 1000 micro base-stations by fibre-optics are presented. Furthermore, a demonstrator which offers a bidirectional air interface at 30 GHz is introduced.

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