

100-Gbps hybrid optical fiber-wireless transmission - DTU Orbit (09/11/2017)

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We present experimental results on using optical transmission technologies such as I&Q modulators, digital coherent receivers, heterodyne up-conversion in fast photodiodes, to generate, transmit and detect high capacity wireless transmission. Both OFDM and QAM modulation formats are tested in the W-achieving capacities up to 100-Gbps with seamless optical fiber-wireless conversion.

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