

# 5G NOW

## 5th Generation Non-Orthogonal Waveforms for Asynchronous Signalling



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LTE and LTE-Advanced have been optimized to deliver high bandwidth pipes to wireless users enforcing strict synchronism and orthogonality. Emerging trends like M2M, CoMP and Fragmented Spectrum reveal major shortcomings of those design criteria. 5G NOW will investigate new PHY and MAC layer concepts being better suited to meet the upcoming needs with respect to service variety and heterogeneous transmission setups.

Visit our booth at VTC Spring 2013!