



Halmstad Colloquium talk April 10, 2015

Title:

ERICSSON RADIO DOT SYSTEM

By **Stefan Nilsson Tech. Dr.** Solid State Physics
Ericsson in Lund

Abstract:

What's the "dot"?; the Ericsson Radio Dot System is a new small cell system that provides cost-effective, high-performance indoor cellular coverage. The device has a sleek design, supports multiple cellular standards in a small compact disc (300 g).

In this seminar I will try my best to explain how the "dot" works from an electronic engineer's point of view. The system aspect will also be briefly outlined.

About:

Stefan Nilsson has been working in RF-related R&D at different Ericsson-related facilities in Lund. He has an extensive understanding of RF transceivers and their RF front-end components for mobile phone applications, in particular for the GSM, W-CDMA and LTE radio communication-systems.