

**Hermes Partnership workshop on  
Nano Communication and Technology for Autonomous, Ultra Miniature, Ultra Low Power,  
Multi-Functional Wireless Systems**

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**Abstract of presentation of Fredrik Tufvesson, <http://www.eit.lth.se/staff/fredrik.tufvesson>  
Dept. Electrical and Information Technologies**

**Title:** Propagation aspects of wireless systems at 60 GHz and beyond.

When pushing the wireless systems to higher and higher frequencies the propagation channel starts to show a different behavior from what we are used from WLAN and cellular applications. In this talk we will discuss experience from current 60 GHz radio channel measurements in Lund. We will also discuss expected behavior, possibilities and limitations when going to higher frequencies.