

# Open House

Thursday 27 August from 15:00-17:00

## CIE EMC Lab

#sdudk

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**Centre for Industrial Electronics (CIE) invites to an open house in connection with the opening of the new EMC Lab**

**The doors are open for guided tours, a chat with the researchers, and networking. Please come and see the new facilities and learn how you can benefit from the new lab.**

A state-of-the-art EMC Lab is under construction at Centre for Industrial Electronics (CIE) at Alsion in Sønderborg and will soon be completed. In the EMC Lab, it will be possible to perform the most common EMC tests according to various standards including radiated emission/immunity, conducted emission, burst, surge, ESD and harmonic/flicker. In addition, the EMC Lab has developed their own near-field scanner for various diagnostics and advanced research. The flagship of the EMC Lab is a compact fully anechoic chamber for radiated emission measurements, allowing measurements up to 26 GHz.

The chamber is equipped with a 3D turn table for antenna measurements and, hence, it is also possible to measure antenna radiation pattern and measurements according to EU Radio Equipment Directive, which becomes more and more important along with the development of IoT. The new lab is a big step forward for the EMC research at CIE. In addition, it is possible for industry to perform tests in the lab by either renting the lab for DIY tests, or for tests performed by CIE staff.