



MPE
Quality, Reliability, Performance

Company Bulletin

for EMC, EMP & TEMPEST Protection

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John Jephcott presenting at the IEEE EMC conference in Sweden



The Combitech facility in Växjö, Sweden, which hosted the event

MPE speaks out at IEEE EMC conference

Building on its previous presentation during the EMC Europe event in Gothenburg, in April MPE again had the opportunity to present to the IEEE community, this time at the Combitech test house premises located in Växjö, Sweden. The hosts Combitech AB are an independent technical consulting company, part of the defence and security group Saab.

The conference was held by the Swedish chapter of the IEEE EMC Society, which meets two to three times per year. MPE's participation was organised by its Swedish distributor, Jolex AB of Värmdö (www.jolex.se).

Recent IEEE seminars have concentrated on topics such as EMC within high-current facilities; EMC issues in naval applications; and emerging EMC threats. April's conference focussed on the topic of recognising and dealing with the TEMPEST threat in Sweden, and other presenters alongside MPE included the likes of Combitech, Eldon and the Swedish Defence Materiel Administration (Försvarets Materielverk or FMV).

John Jephcott of MPE delivered a presentation lasting just over an hour entitled "Integrated Protection of C4I Equipment and Facilities" to an engrossed audience of some 50 people.

Covering data, power and telephone filters, John's talk enunciated the differences between EMC, EMP, HEMP and TEMPEST filters and then progressed to explain the different design approaches adopted by MPE in delivering filters to meet the stringent requirements of TEMPEST applications.

Using specific application examples and recent case studies, the presentation concluded with a section on the correct selection of TEMPEST filters and best practice for filter installation and testing.

The technically orientated audience covered a wide spectrum from companies and organisations such as BAE Systems Hägglunds AB, Combitech, the Swedish Defence Materiel Administration, Kockums, Saab and Volvo, and questions were plentiful, following John's address which was extremely well received.

Further information on MPE's ranges of TEMPEST filters can be found on the TEMPEST product pages of the MPE website or by clicking on this hyperlink:

www.mpe.co.uk/category/tempest

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