



MPE
Quality, Reliability, Performance

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The presentation by MPE Design Engineer John Lindsay at ASIAEM 2019



The Wyndham Grand Hotel in Xi'an – the Conference venue for ASIAEM 2019



MPE presents at ASIAEM 2019 in China

In September 2019 the Asian Electromagnetics Conference (ASIAEM) was held in the city of Xi'an, home of the Terracotta Army and beginning of the Silk Road in north-western China. One of China's most ancient cities, Xi'an, the capital of Shaanxi Province, has a larger population than Greater London.

Spanning five days from 15th to 20th September and chaired by Professor Yanzhao Xie of Xi'an's Jiaotong University, the Conference in China was the third biennial ASIAEM, following on from South Korea in 2015 and India in 2017. This year's event brought together the 25th High-Power Electromagnetics Conference (HPEM), the 18th Ultra-Wideband, Short-Pulse Electromagnetics Conference (UWB SP) and the 18th Unexploded Ordnance Detection and Range Remediation Conference (UXO).

Technical presentations were spread across four lecture rooms simultaneously and attended by more than 100 engineers and scientists from the global EMP community.

Given the company's unparalleled international reputation for research and development in the field of EMP protection filters, MPE was again asked to present a technical paper at the event. Accordingly, during the third day, MPE Design Engineer John Lindsay presented a detailed paper on "Refining HEMP Filter Design to Meet Changing PCI Requirements".

In his address John described the evolution of MPE's HEMP filter modelling capability and the practical testing conducted by independent test houses to correlate and prove that capability. John also provided an insight into the practical differences between laboratory acceptance testing of HEMP filters and the verification testing carried out within real-world installations.

With John Lindsay being the only presenter from the UK, his talk was particularly well received. Moreover an encouraging number of informed questions were posed by members of the audience, both at the time and during subsequent conversations.

The ASIAEM Conference is part of the AMEREM / EUROEM / ASIAEM Conference series, a unique forum for the international EMP community since the first meeting organised by Dr Carl Baum in Albuquerque, New Mexico, back in 1978. In rotation the next Conference will be EUROEM, to be staged at Hamburg, Germany, in August 2020.

For your interest and information, the hyperlink to the abstract of the paper which John Lindsay delivered at ASIAEM is to be found [here](#).