

CST Workshop on Simulation of Installed Antenna Performance with CST MICROWAVE STUDIO® 2014

Workshop Room: Europe 2
Date: Wednesday 9 April
Time: 16:40 – 17:40

Electromagnetic (EM) simulation has assumed an increasingly central role in the product design workflow. Challenges across the EM spectrum can be analyzed before physical trials, helping to shorten development cycles and improve product quality. This workshop will give a brief overview on the numerical solver techniques available in CST STUDIO SUITE® 2014 to solve electromagnetic Antennas and Antenna systems and will highlight some design examples. This will be followed by the online demonstration of the simulation of a radar antenna on a ship. Starting from the design of a simple feed antenna and reflector, the installed antenna performance on a larger platform will be simulated. In the process, the various solver methods discussed previously will be used.