

PRESS RELEASE

CST previews new 3D EM tool in CST MICROWAVE STUDIO®

June 12th, 2006, Computer Simulation Technology (CST) previews new tool for the 3D EM simulation of electrically large structures at MTT-S IMS 2006, booth #1329. The new Integral Equation Solver, based on the Multilevel Fast Multipole Method (MLFMM), joins CST MICROWAVE STUDIO® (CST MWS)'s Transient and Frequency Domain solvers for high frequency applications and will be available in Q3 of 2006.

The newly implemented Integral Equation solver opens up new possibilities to design engineers engaged in areas such as automotive, aerospace & defence and emc in terms of structure size. Its main area of usage will be the solving of structures much larger than 20 wavelengths and is of particular interest because of its ability to deal with dielectric losses. Typical application examples include antenna placement on an airplane and radar cross section (RCS) calculations of large scattering objects. As with all solvers in CST STUDIO SUITE™, its integration in CST DESIGN ENVIRONMENT™ is seamless and based on the same easy to use modeller and frontend.

"The addition of our new Integral Equation solver to CST STUDIO SUITE™ ensures that design engineers dealing with electrically large structures can efficiently calculate highly accurate solutions, keeping them at the forefront of product development" commented Dr. Peter Thoma, CST's Managing Director, R&D. "Traditional MoM solvers generally suffer from poor scalability in terms of memory requirements and computation time whereas CST's new Integral Equation Solver offers the inbuilt advantages of the MLFMM approach."

About CST STUDIO SUITE™

The CST STUDIO SUITE™ comprises CST's 3D EM simulation tools: the renowned CST MICROWAVE STUDIO® for high frequency applications, CST EM STUDIO™ for low frequency and statics and CST PARTICLE STUDIO™, for charged particle dynamics, and is rounded off with CST DESIGN STUDIO™ for synthesis and circuit simulation. All programs are accessible through CST DESIGN ENVIRONMENT™ which facilitates coupled simulation.

About CST

CST is one of the two largest suppliers of electromagnetic simulation software and has continuously enhanced its position as market and technology leader in 3D Time Domain simulation. With over 90 employees worldwide and a network of qualified distributors, 130 people are dedicated to the development and support of its EM products in more than 30 countries. Information about CST is available on the web at www.cst.com.

For further information please contact:

Ruth Jackson, Marketing Communications

Email: info@cst.com, Web: <http://www.cst.com>