

Co-simulation between CST MICROWAVE STUDIO® and Agilent Technologies Advanced Design System

New link to be demonstrated at MTT-S IMS 2005, Long Beach, CA

DARMSTADT, Germany, June 14th, 2005, Computer Simulation Technology (CST) today announced a breakthrough in the integration of the CST MICROWAVE STUDIO® (CST MWS) simulation tool with Agilent Technologies' Advanced Design System (ADS) electronic design automation software. The automated co-simulation advances workflow integration for the RF and microwave design engineer working to improve passive circuit performance and increase confidence that manufactured products will perform optimally. This has been implemented as a direct result of the alliance and technical collaboration between Agilent and CST announced in June 2004.

Agilent ADS offers a complete set of system and circuit simulation technology and instrument links for RF and microwave design in a single, integrated flow. CST MWS offers fast and accurate 3D electromagnetic (EM) simulation for the characterization of field and signal propagation. Both products are used in a broad range of design applications, from wireless communication products to aerospace/defense, and offer considerable advantages, including shorter product-development cycles, virtual prototyping before physical design spins, and design optimization.

Users of Agilent ADS can now manage the parameterization of CST MWS models without leaving the ADS interface, performing optimizations or parameter tuning. If the results for the desired parameter set are not available, ADS launches a CST MWS simulation automatically in order to create and store the missing data.

"This latest development provides an extremely tight integration between the industry's leading RF and microwave EDA platform and the technology leader in 3D EM simulation," said Joe Civello, ADS product marketing manager with Agilent's EEsof EDA division. "Co-simulation will save a huge amount of valuable working time of design engineers who no longer need to shuffle result data manually back and forth."

"During the last 6 months Agilent and CST had delivered a sophisticated import of layout data from ADS into CST MWS as well as a parametric import of S-Parameters from CST MWS into ADS," said Martin Timm, CST's product marketing manager. "The today announced co-simulation fulfils our promise to connect best-in-class technology. The level of integration is far deeper than in other available approaches."

Availability

The co-simulation will be available without additional charge for all customers that use CST MICROWAVE STUDIO 2006 and Advanced Design System 2005A. Beta versions of both programs will be made available from July 2005. Information about Agilent's EEs of EDA products is available on the web at www.agilent.com/find/eesof.

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 80 employees worldwide and a network of qualified distributors, 120 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.

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