Simberian Showcases Simbeor 2013 at DesignCon

Las Vegas, NV – January 28, 2013

Where: DesignCon 2013, Santa Clara, CA
When: January 29st – January 30th, 2013

Simberian is showcasing the 2013 release of its two-time DesignVision award-winning Simbeor software and innovative interconnect analysis technologies at DesignCon 2013. The release offers new unique capabilities that further increase accuracy of interconnect analysis and productivity of signal integrity engineers. Simbeor 2013 is the most cost-effective and comprehensive solution for physical design of PCB and packaging interconnects operating at 6-100 Gb/s and beyond.

Features in Simbeor 2013 software now include:

- The industry-first practical models to simulate weave effect in PCB dielectrics;
- New unique parallel solvers based on S- and Y-parameters for extremely large multiport networks (for circuits with tens of thousands of ports);
- New quasi-static fields solver for analysis of extremely large cross-sections to simulate cross-talk in serial channels;
- New analysis of cross-talk effect on eye diagram for serial channels;
- New Debye-Lorentz dielectric model for accurate analysis of practically any PCB and packaging materials;
- Import of geometries from HyperLynx hyp-format to fit Simbeor into Mentor's design flow;

Simbeor 2013 demonstrations in booth #626 at DesignCon will include post-layout decompositional analysis of interconnects with new Board Analyzer™ tool, pre-layout analysis with Via Analyzer™ tool, S-parameter models quality assurance with Touchstone Analyzer™ tool and Material parameters identification with SiTune™ tool.

Elements of advanced signal integrity analysis that guarantee analysis to measurement correspondence from DC to 50 GHz will be presented by Dr. Yuriy Shlepnev, president and founder of Simberian Inc, in DesignCon tutorial 14-MP2 "Elements of decompositional electromagnetic analysis of interconnects" in Ballroom H, 1:30 pm - 4:30 pm, on Monday, January 28.

Availability: Simbeor 2013 beta is available for customers and evaluation immediately and can be downloaded at Simberian's online software download page. For more information on product pricing and availability, contact Simberian at info@simberian.com or +1-702-876-2882.

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