



Simberian Showcases Simbeor® 2015 at DesignCon

Las Vegas, NV – January 20, 2015

Where: DesignCon 2015, Santa Clara Convention Center, Santa Clara, CA

When: January 27st – January 30th, 2015

Simberian is showcasing new version of Simbeor electromagnetic signal integrity software at DesignCon 2015. Simbeor 2015 offers new unique capabilities that further increase accuracy of interconnect analysis and productivity of signal integrity engineers.

Simbeor 2015 will offer the following new features:

- New test fixture de-embedding capabilities (support for de-embedding with both GMS-parameters and measurement-based model de-embedding);
- Automatic post-layout de-compositional EM analysis of complex nets with coupling with De-Composer™ tool in Board Analyzer™;
- New unique 3D full-wave electromagnetic field solver Simbeor 3DTF™, based solely on Trefftz finite elements (aka ultra-weak discontinuous Galerkin's wave elements) to simulate complex PCB and packaging structures;
- Multiple improvements and enhancements;

New capabilities of Simbeor 2015 will be demonstrated in Simberian booth #423 at DesignCon2015.

Simbeor is accurate and productive electromagnetic signal integrity software with unique set of solvers and tools for dielectric and conductor roughness model identification, for advanced stackup planning and pre-layout interconnect geometry synthesis and optimization, and for fast and accurate post-layout de-compositional electromagnetic analysis. **Simbeor is the only interconnect analysis tool** that is [formally and independently validated with the measurements up to 50 GHz](#) for [confident analysis of 28-32 Gbps links](#). **Simbeor live demo will be provided at session VS32:** "S-parameter Quality Metrics and Analysis to Measurement Correlation" on January 29 at 11 AM, room Great America 2.

Availability: Simbeor 2015 will be available for customers and evaluation in the second quarter of 2015. Current version of Simbeor can be downloaded from 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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About DesignCon: DesignCon, produced by UBM Tech, is the world's premier conference for chip, board and systems design engineers in the high-speed communications and semiconductor communities. DesignCon, created by engineers for engineers, takes place annually in Silicon Valley and remains the largest gathering of chip, board and systems designers in the country. This four-day technical conference and expo combines technical paper sessions, tutorials, industry panels, product demos and exhibits from the industry's leading experts and solutions providers. More information is available at: www.designcon.com/santaclara/.