

## Simberian News: June 14, 2018

«GreetingLine»

**Simbeor THz release 2018.01 (beta) with the industry-first validated automatic electromagnetic de-compositional analysis is now available. Updated Simbeor THz offers unique capabilities to design predictable PCB interconnects.**

Simbeor THz release 2018.01 has the following new features:

- Automatic decomposition in Board Analyzer, to increase productivity;
- Improved and accelerated import of Allegro brd/mcm files;
- Import from ODB++ tgz and zip files;
- Simbeor Agents load balancing to accelerate the analysis on computers with different performance;
- Conformal solder mask defined with 2 parameters for more accurate analysis of microstrip traces;
- Polar plots with rotation metrics in Touchstone Analyzer;
- Multiple improvements and enhancements;

**Availability:** Simbeor THz release 2018.01 is available for customers and evaluation at [downloads section](#) together with “What is new in Simbeor THz – Release 2018.01” document. Description of new features and how to use them is also [available here](#).

**Simbeor remains the only interconnect analysis tool that is systematically validated with the measurements for 28-32 Gbps channels (NRZ).** Results of a 40 GHz validation project were recently reported by Marko Marin from Infinera and Yuriy Shlepnev from Simberian at DesignCon2018. **The paper won the Best Paper Award** and is now available with the complete report at our web site – see #2018\_01 at <http://www.simberian.com/AppNotes.php> All projects for EvR-1 board used in the project are also available for our customers.

**If you are planning or doing an analysis to measurement validation project, please contact us and we will guide you through the “sink or swim” validation process.** Follow the systematic approach with Simbeor and design predictable interconnects or just try to do this with any other tool and compare accuracy or productivity. See [webinars #4 and #5](#) on the validation with CMP-28/32 platform that is available for validation projects from our partner [Wild River Technology](#).

**Trust, but validate!**

For more information on product pricing and availability or demo, contact Simberian at [info@simberian.com](mailto:info@simberian.com).

**Happy summer!**  
**Team Simberian**

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