

## Simberian News | January 19, 2009

...from Simberian Inc.

Welcome to the latest edition of Simberian News!

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### 1) **Simbeor is DesignVision Finalist**

We are happy to inform you that Simbeor 2008 was selected by the industry experts as the finalist of the International Engineering Consortium's DesignVision award. "The IEC is pleased to name Simberian's Simbeor 2008 as one of the most beneficial contributions to the electronic design industry with a 2009 DesignVision Finalist designation," - declared IEC President John Janowiak - "We encourage industry professionals to learn more of this impressive design solution at this year's DesignCon 2009 exhibition and experience first-hand how to better deliver measurable results."

### 2) **DesignCon 2009 Highlights**

We would like to invite you to our booth #919 at the DesignCon 2009 ([www.designcon.com](http://www.designcon.com), Santa Clara Convention Center, Santa Clara, California) on February 3 and 4 from 12:30 pm – 6:30 pm. To access your complimentary pass to DesignCon exhibits, visit [http://www.designcon.com/2009/chiphead\\_express/simberian.html](http://www.designcon.com/2009/chiphead_express/simberian.html). **Please stop by our booth for a live demo of Simbeor 2008 electromagnetic software, to see PLRD-1 benchmark board designed to validate the software, and for a preview of the upcoming update release with multiple new capabilities and new cost-effective licensing options.** The upcoming update release of Simbeor 2008 includes integrated interface to Allegro PCB layout geometry with geometry import and geometry selection for de-compositional electromagnetic analysis, generator of compact rational models for multiports, computation of step, pulse and PRBS responses of linear channels, extraction of equivalent SPICE-circuits for linear channels among other features. Visit us to see all those features in a live demo. **Some results of PLRD-1 board investigation with Simbeor will be reported at Y. Shlepnev, A. Neves, T. Dagostino, S. McMorrow, Measurement-Assisted Electromagnetic Extraction of Interconnect Parameters on Low-Cost FR-4 boards for 6–20 Gbps Applications, Track 12-WA1, 8:30am-9:10am**

### 3) **New seminars and application notes**

We invite you to our **free tutorial-style web seminars** on advanced modeling of transmission lines and via-holes. Please visit <http://www.simberian.com/Seminars.php> to sign up for one of the upcoming seminars. We also invite you for a **half-day tutorial "Broadband analysis of multi-gigabit interconnects"** at ACES conference on March 8 in Monterey, CA. To register for the tutorial, please visit <http://aces.ee.olemiss.edu/>. Select Conference > Online Conference Registration and on the registration page scroll down to "Short Courses and Workshop" section – the cost of the tutorial is \$150 if you register before February 15, 2009. **We are also offering half and one day tutorials on advanced analysis of interconnects on request – please contact us for details.**

**New Simbeor application notes are available at <http://www.simberian.com/AppNotes.php>.** One of them is #2009\_01: **Practical notes on mixed-mode transformations in differential interconnects (with experimental validation)** – explains the basic principles of differential to common and common to differential mode transformations, how to accurately predict it and how to avoid it. This app note generated a lot of questions and suggestions from the visitors of our web site and we decided to discuss the subject with the participants of the IBIS summit at the DesignCon on February 5, 2009. **Please visit the presentation Y. Shlepnev, "Practical observations on mixed-mode transformations in differential interconnects" at the IBIS summit at DesignCon.**



#### 4) New Simbeor licensing options

New Level 2 license is available to support all activities of design exploration in the frequency domain with all geometry synthesis modules. **Level 2** license annual price is **\$4,900.00** including training over the webex, support and updates. [Click here to see a complete list of Simbeor 2008 features and prices for different license levels.](#)

**[Download and try Simbeor today](#), or let us know if you would like to have an overview and demo of Simbeor 2008 over the webex.**

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