

# MEDIA ALERT: Synopsys, Customers and Partners Highlight Successes Designing ARM-based Products at ARM TechCon 2015

Technical Sessions Feature Processor Optimization, IP, Software Security, Prototyping and Verification Solutions

MOUNTAIN VIEW, Calif., Nov. 3, 2015 /PRNewswire/ -- Synopsys, Inc. (Nasdaq: SNPS), together with its customers and partners, will be presenting numerous technical sessions at [ARM TechCon 2015](#). These sessions exemplify more than [20 years of collaboration](#) between ARM and Synopsys to enable mutual customer success with ARM-based SoC designs. The sponsored sessions are free to attend with an expo badge (register for a free expo badge).

Synopsys experts will also be available to discuss and demonstrate these solutions in the Synopsys booth #600 in the expo hall.

## WHEN AND WHERE:

Sponsored sessions will take place in a variety of locations at ARM TechCon from Tuesday, November 10 through Thursday, November 12 at the Santa Clara Convention Center.

## KEY SESSIONS:

Tuesday, November 10

- Energy Efficient Design Using Interoperable System Level IP Power Models, panel with ARM, Microsoft, Broadcom, IBM, Synopsys, 3:30 pm – 4:20 pm, Ballroom E, Conference Session. For conference pass holders only.

Wednesday, November 11

- Optimized Implementation of a Performance-focused ARM Cortex®-A72 MPCore™ Processor in 16nm FinFET Plus Process Technology Using Synopsys Galaxy™ Design Platform, presented by Synopsys, 10:30 am – 11:20 am, Mission City Ballroom M1.
- Renesas Shares Highlights from its Successful Tapeout of ARM® Cortex®-A57 and Cortex-A53 MPCore Processors in a big.LITTLE™ Configuration in 16-nm FinFET Plus Process Technology Using Synopsys Galaxy Design Platform, presented by Renesas, 11:30 am – 12:20 pm, Mission City Ballroom M1.
- Security for ARM-based Products Through Static and Dynamic Software Analysis – "Sign-off" for the Software Supply Chain, presented by Synopsys, 12:30 pm – 1:20 pm, Mission City Ballroom M1. Lunch will be provided for attendees of this session.
- Enabling ARM-based Network Computing Design with 14nm LPP FinFET Technology, panel with Samsung, ARM and Synopsys, 2:30 pm – 3:20 pm, Ballroom G, Conference Session. For conference pass holders only.
- Optimize SoC Performance with Synopsys Verification IP and Verdi® Unified Debug, presented by Synopsys, 2:30 pm – 3:20 pm, Mission City Ballroom M1
- At Speed Debugging for ARM-based SoC Prototypes, presented by Synopsys,

3:30 pm – 4:20 pm, Mission City Ballroom M1

- Programmable Accelerators for ARM-based Designs Delivering Flexibility and Performance with ASIP Tools, presented by Synopsys, 4:30 pm – 5:20 pm, Mission City Ballroom M1

In addition, visit the Synopsys booth at the ARM TechCon Expo Wednesday, November 11 and Thursday, November 12 from 11:00 am to 6:30 pm to see the following demonstrations:

- **Complete DesignWare® IP Solutions for PCI Express 4.0**

Learn how to accelerate time-to-market and reduce the integration risk of your ARM-based SoCs with the latest in PCI Express 4.0 performance using DesignWare Controller and PHY IP.

- **Speed Software Development and System Validation of ARM-based SoCs**

See how our newest FPGA-based prototyping solution, HAPS®-80, enables the creation of prototypes faster with higher performance, translating to increased productivity for software development, hardware/software integration and system validation. The ARM TechCon Innovation Challenge has selected Synopsys HAPS-80 FPGA-Based Prototyping System as a finalist for "Best System." More

information at <http://ubm.io/1Nbe17U>

- **Accelerate with ASIPs! Programmable and Low Power**

See how accelerators can be built to offload general-purpose processor cores while retaining the time-to-market advantage offered by programmability.

- **High-Performance Verification of ARM-based SoCs**
- **Galaxy Delivers Optimized Performance and Power for ARM Cortex Processors**

**REGISTRATION:**

For more information or to register now, please visit: <https://armtechcon.tech.ubm.com/2015>

**About Synopsys**

Synopsys, Inc. (Nasdaq: SNPS) is the Silicon to Software™ partner for innovative companies developing the electronic products and software applications we rely on every day. As the world's 16<sup>th</sup> largest software company, Synopsys has a long history of being a global leader in electronic design automation (EDA) and semiconductor IP, and is also growing its leadership in software quality and security solutions. Whether you're a system-on-chip (SoC) designer creating advanced semiconductors, or a software developer writing applications that require the highest quality and security, Synopsys has the solutions needed to deliver innovative, high-quality, secure products. Learn more at [www.synopsys.com](http://www.synopsys.com).

**Editorial Contacts:**

Monica Marmie  
Synopsys, Inc.  
650-584-2890  
[monical@synopsys.com](mailto:monical@synopsys.com)

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