**AGENDA - DESIGNCON IBIS SUMMIT MEETING**

**Friday, February 3, 2017**

Santa Clara Convention Center

Santa Clara, California

Room: **209**

Sponsors: **IBIS Open Forum, UBM**

**Cadence Design Systems**

**CST Computer Simulation Technology AG.**

**Keysight Technologies**

**Mentor Graphics Corporation**

**Synopsys**

*(Order and times subject to change)*

8:00 AM **REFRESHMENTS AND SIGN IN**

8:30 AM **OFFICIAL OPENING**

* Welcome to Summit
* Introductions

8:45 AM **Chair's Status Report**

Mike LaBonte (Signal Integrity Software (SiSoft))

9:10 AM **IBIS-ATM Task Group Report**

Arpad Muranyi (Mentor Graphics Corporation)

9:25 AM **IBIS Interconnect Task Group: Status and Proposal Overview**

Michael Mirmak (Intel Corporation)

9:55 AM **BREAK AND REFRESHMENTS**

* Reconvene at 10:15 AM

10:15 AM **IBIS-AMI: Assumptions, Terminology & Analytical Flows**

Walter Katz, Mike Steinberger, and Todd Westerhoff

(Signal Integrity Software (SiSoft)

[Presented by Todd Westerhoff (SiSoft)]

10:45 AM **The AMI\_Resolve: A Case Study for 56G PAM4**

Adge Hawes\* and Steve Parker\*\* (\*IBM Corporation, \*\*GLOBALFOUNDARIES)

[Presented by Adge Hawes (IBM Corporation)]

11:15 AM **Practical HSIO Link Design and Optimization with Repeater and Retimer**

Hsinho Wu, Mike Li, Masashi Shimanouchi (Intel Corp)

[Presented by Hsinho Wu (Intel Corporation)]

12:00 PM **FREE LUNCH**

* Pre-registration required. Reconvene at 1:00 PM.

1:00 PM **Necessity for Integrating FEC Functionality for PAM4 in AMI Simulations**

XiaoQing Dong\*; Nick Huang\*\*

(\*Huawei Technologies, \*\*Shenzhen Zhongzeling Electronics)

[Presented by Mike LaBonte (Signal Integrity Software (SiSoft)]

1:30 PM **Using DATA Files for IBIS-AMI Models**

Lance Wang (IO Methodology)

2:00 PM **AMI Analysis Using a Proxy Class**

Wei-hsing Huang (SPISim)

2:30 PM **BREAK AND REFRESHMENTS**

* Reconvene at 2:50 PM

2:50 PM **IBIS Extensions for Turn-around Cycle Simulations**

Arpad Muranyi\* and Randy Wolff\*\*

(\*Mentor Graphics Corporation, \*\*Micron Technology)

[Presented by Arpad Muranyi (Mentor Graphics Corporation)]

3:20 PM **Update on IBISCHK6.1.3 and Executable Model File Checking**

Bob Ross (Teraspeed Labs)

3:50 PM **OPEN DISCUSSION AND CONCLUDING ITEMS**

* Next Open Forum Meeting: February 17, 2017

5:00 PM **END OF MEETING ROOM AVAILABILITY**

* Thank you for your participation

****