

IBIS Accomplishments 2003-2009

Bob Ross

bob@teraspeed.com

IBIS Summit at
Design Automation Conference
San Francisco, CA
July 28, 2009



Standards, Software, Documents

- IBIS 3.2 Renewed as ANSI/EIA-656-A August 17, 2005
- IBIS 4.2 June 2 2006, ANSI/EIA-656B Sept. 1, 2006
 - IBISCHK4.1, IBISCHK4.2
- IBIS 5.0 Aug. 29, 2008
 - IBISHCK5.0 under development
- ICM 1.0 Sept. 12, 2003, ICM 1.1 July 5, 2005, ANSI/GEIA-STD-0001 Jan. 18, 2006
 - ICMCHK1.1
- Touchstone 2.0, April 24, 2009
 - TSCHK2 planned for development
- IBIS Cookbook Version 2.0, 2005



Technical Committees

- Macro-Modeling
 - Macromodel Templates
 - Algorithmic Model Interface
 - IBIS-Spice Subcircuits under development and relationship with Synopsys
 - Other advances under consideration
- (Adhoc) Touchstone advances with permission from Agilent Technologies
 - Format, Reference Impedance, Mixed-Mode
 - Sparse Matrix under consideration
- Quality
 - IQ 1.0, 2004
 - Near completion IQ 1.1 (or 2.0)
- Model Review on-going



**TERASPEED
CONSULTING
GROUP**

Meetings and Administration

- Teleconference
 - Nearly every 3 weeks
 - Web Meetings
- Summits (5 per year)
 - 4 in China
 - 3 in Japan plus 1 special meeting
 - 5 in Europe with DATE
 - DesignCon (including booth) and DAC
- Administration
 - New Logo
 - Dealing with parent organization TechAmerica changes



**TERASPEED
CONSULTING
GROUP**

Thank You Everyone

- Thank you Michael Mirmak for many productive years and additional behind the scenes actions
- With participation on an open forum basis, we have accomplished a lot and established new directions
- IBIS remains a big factor in industry nationally and internationally
 - References
 - Books
 - Technical papers