IBIS Chair’s Report and Roadmap

Michael Mirmak
Intel Corp.
Chair, IBIS Open Forum

IBIS Summit
at DesignCon 2008
February 7, 2008

http://www.eigroup.org/ibis/
http://www.eda.org/ibis/
Agenda

- Recent Achievements
- Organizational Status
- BIRD Queue
- Q&A
2H’07 Achievements

⋆ IBIS Changes
  – BIRD104.1: IBIS-ATM API approved!
  – BIRD98.3: Gate Modulation Effect approved!

⋆ New Specifications and Documents
  – Touchstone 2.0 in final review; vote likely before Q2’08
  – Continuing progress on IBIS Quality Specification 1.1

⋆ Events
  – Successful summits in Beijing and Tokyo
  – Adding Taipei summit as part of ‘08 Summit series

Next Step: IBIS 5.0…
Organizational Status

🌟 Changes at the top
– EIA no longer a standards-management body
– GEIA and ITAA have merged
– IBIS parent organization part of GEIA sector

🌟 Finances and Membership
– Closed 2007 with positive budget and membership of 32
– 2008 fees increased to US$900 per organization
  🌟 Result of GEIA dues and operating expenses increase

IBIS outlook positive, even with uncertain economic times ahead in the industry
IBIS 5.0

Drawing the line for 5.0…

- BIRD74.6 – EMI Parameters
- BIRD95.6 – Power Integrity Analysis using IBIS
- BIRD98.3 – Gate Modulation Effect
- BIRD103.1 – [Model Spec] DDR2 Over/Undershoot
- BIRD104.1 – Algorithmic Modeling API

Proposed BIRDS

- BIRD1xx – ICM-IBIS Linking (draft text distributed)
- BIRD1xx – Improved Differential Measurements
- BIRD1xx – [External Model] under [Circuit Call]
- BIRD1xx – SPICE Parameter Passing

Target: draft specification by Q3’08.
IBIS 5.0 will be a major advance!
Q&A