

CMC Teleconference: January 30, 2006

Attendees:

Freescale, Agilent, IBM, ADI, Philips, Penn State University, Jazz, Xpedion Design Systems, National Semiconductor, Agere, Mentor Graphics, Infineon, Renesas, SRC, Ansoft, Intel, ST Microelectronics, RFMicro, TI

1. CMC goals for 2006. (See list below)

Joe Watts (IBM) reviewed a list of proposed goals for 2006 that was initiated at the 4Q05 meeting:

- PSP
- BSIM3
- BSIM4
- BSIMSOI
- HICUM
- MEXTRAM
- 3-terminal resistor
- LDMOS
- MOS varactor
- QA and release procedures
- Junction Diode Model
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- Surface Potential Based SOI
- JFET model
- Schottky diode
- Verilog-A to SPICE3 compiler
- Noise measurement standards

Action Item:

Joe will send out the goals list to CMC members for ranking.

2. 2Q06 Face-to-Face Meeting Location

Members discussed potential locations then a roll-call vote was taken to make a decision. The outcome of the vote was to hold the 2Q06 meeting in Boston. Specific roll-call results were:

Member		Location
Freescale	-	Boston
Agilent	-	Boston
IBM	-	Boston
ADI	-	Boston

Philips	-	Boston
Jazz Semi	-	Boston
Xpedion	-	Abstain
National	-	Hawaii
Agere	-	Boston
Mentor	-	Hawaii
Infineon	-	Boston
Renesas	-	Hawaii
SRC	-	Raleigh, NC
Ansoft	-	Boston
Intel	-	Abstain
STM	-	Boston
RF Micro	-	Raleigh, NC
TI	-	Boston

Members discussed there being a better chance of having a meeting in Japan in 2007 aligned with ICMTS or the VLSI Symposium. This will be discussed further at future CMC meetings.

3. PSP Action Plan

PSP coordinator Colin McAndrew (Freescale) reviewed a detailed spreadsheet of all suggested model updates.

Action Item:

Colin will send out an update of the PSP action item spreadsheet by February 3 to CMC members. This will include the STM proposal for additional complexity in the capacitance geometry model and pre-layout parasitic modeling specification.

The CMC will make a decision at the March meeting in Austin, TX about which version of PSP will be its initial standard.

Gennady noted that release 3 will not be backward compatible with previous versions of PSP, largely due to changes in the capacitance model.

Meeting Adjourned.

This meeting was conducted in accordance with the EIA Legal Guides and EIA Manual of Organization and Procedure.