

Agenda for the 2023Q2 CMC Meeting

Qualcomm, San Diego, California

Thursday, June 15, 2023

Version 2

MEMBERS AND GUEST COMPANIES ONLY

9:00 AM	Agenda Review and Introductions (15 min.)	Peter Lee (Micron)
9:15 AM	Update from Si2 (30 min.)	Robert Aslett (Si2)
9:45 AM	Treasurer's Report (5 min.)	Takeshi Naito (KIOXIA)
9:50 AM	CMC Operational Items (20 min.)	Peter Lee (Micron)
10:10 AM	CMC Resistor Models	Geoffrey Coram (Analog Devices)
10:20 AM	Break (10 min.)	

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ALL (includes Model Developers)

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|----------|------------------------------|--|
| 10:30 AM | EDA Vendor Reports (30 min.) | EDA Vendors |
| 11:00 AM | Mextram (15 min.) | Wei Chen (TI) |
| 11:15 AM | HICUM/L0 (15 min.) | Patrick Scheer (ST Micro) for Didier Celi (ST Micro) |
| 11:30 AM | HICUM/L2 (15 min.) | Patrick Scheer (ST Micro) for Didier Celi (ST Micro) |
| 11:45 AM | BSIM-Bulk (15 min.) | Kaiman Chan (TI) |
| 12:00 PM | Group Photo (10 min.) | |
| 12:10 AM | Lunch (50 min.) | On site in or next to the meeting room |

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| 1:00 PM | BSIM-CMG non-GAA (15 min) | Colin Shaw (Silvaco) |
| 1:15 PM | BSIM-SOI (15 min.) | Anupam Dutta (GlobalFoundries) |
| 1:30 PM | BSIM-IMG (15 min.) | Tanvir Morshed (GlobalFoundries) |
| 1:45 PM | HiSIM2 (15 min.) | Takeshi Naito (KIOXIA) |
| 2:00 PM | HiSIM_HV (15 min.) | Takeshi Naito (KIOXIA) (acting) |
| 2:15 PM | HiSIM-SOI/SOTB (30 min.) | Samir Chaudhry (Tower Semiconductor) |
| 2:45 PM | PSP (15 min.) | Gert-Jan Smit (NXP) |
| 3:00 PM | L-UTSOI (15 min.) | Harrison Lee (Samsung) |
| 3:15 PM | Break (15 min.) | |

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| 3:30 PM | MVSG_CMC (15 min.) | Colin Shaw (Silvaco) |
| 3:45 PM | ASM-HEMT (15 min.) | Colin Shaw (Silvaco) |
| 4:00 PM | Model QA and Release (15 min.) | Shahriar Moinian (Broadcom) |
| 4:15 PM | Verilog-A Recommended Practices (15 min.) | Geoffrey Coram (Analog Devices) |
| 4:30 PM | ASM-ESD (15 min.) | Meng Miao (GlobalFoundries) |
| 4:45 PM | ESD FET (15 min.) (not a WG yet) | Meng Miao (GlobalFoundries) |
| 5:00 PM | Adjourn and Reception (2 hours until 7:00pm) (On site) | |

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9:00 AM	Agenda Review (5 min.)	Peter Lee (Micron)
9:05 AM	Next Meeting Locations (10 min.)	Jushan Xie (Cadence)
9:15 AM	OMI (15 min.)	Colin Shaw (Silvaco)
9:30 AM	Reliability Model (15 min.)	Klaus-Willi Pieper (Infineon)
9:45 AM	Random Telegraph Noise (15 min.)	Colin Shaw (Silvaco)
10:00 AM	SiC (15 min.)	Colin Shaw (Silvaco)
10:15 AM	MULT Factor Policy Revisions (15 min.)	Geoffrey Coram (Analog Devices)
10:30 AM	Break (15 min.)	

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| 10:45 AM | One-page Group Summaries (30 min.) | All work group chairs |
| 11:15 AM | Next Meeting Planning (10 min.) | Peter Lee (Micron) |
| 11:25 AM | Action Items Review (10 min.) | Tanvir Morshed (GlobalFoundries) |
| 11:35 AM | Adjourn | |

Officers/Advisors

Position	Name
Chairman	Peter M. Lee (Micron) (pmlee.si2@icloud.com)
Vice-Chairman	Jushan Xie (Cadence) (jushan@cadence.com)
Secretary	Tanvir Morshed (GlobalFoundries) (Tanvir.Morshed@globalfoundries.com)
Treasurer	Takeshi Naito (KIOXIA) (takeshi.naito@kioxia.com)
Technical Advisor: Verilog-A Code Quality Improvement	Geoffrey Coram (Analog Devices) (geoffrey.coram@analog.com)
Technical Advisor: Model QA and Release	Shahriar Moinian (Broadcom) (shahriar.moinian@Broadcom.com)

Term for the four officers: 2022 – 2023

Term for the Technical Advisors: not fixed

Active Work Groups in the CMC

Work Group Names (CMOS Devices)	Chair
BSIM-Bulk	Kaiman Chan (Texas Instruments) (kaiman.chan@ti.com)
BSIM-CMG	Colin Shaw (Silvaco) (colin.shaw@silvaco.com)
BSIM-SOI	Anupam Dutta (GlobalFoundries) (anupam.dutta@globalfoundries.com)
BSIM-IMG	Tanvir Morshed (GlobalFoundries) (tanvir.morshed@globalfoundries.com)
HiSIM2	Takeshi Naito (KIOXIA) (takeshi.naito@kioxia.com)
HiSIM_HV	(vacant)
HiSIM_SOI, HiSIM_SOTB	Samir Chaudhry (Tower Semiconductor) (Samir.Chaudhry@towersemi.com)
PSP	Andries Scholten (NXP) (andries.scholten@nxp.com) and Gert-Jan Smit (NXP) (gert-jan.smit@nxp.com)
L-UTSOI	Harrison Lee (Samsung) (lhw114@Samsung.com)

Active Work Groups in the CMC (continued)

Work Group Name (Bipolar Devices)	Chair
HICUM/L0 & HICUM/L2	Didier Celi (ST Micro) (didier.celi@st.com)
Mextram	Wei Chen (Texas Instruments) (wei.chen@ti.com)

Work Group Name (Other Devices)	Chair
ASM-HEMT, MVSG_CMC	Colin Shaw (Silvaco) (colin.shaw@silvaco.com)
ASM-ESD Diode Model	Meng Miao (GlobalFoundries) (meng.miao@globalfoundries.com)
MOSVAR, Resistor Models	Geoffrey Coram (Analog Devices) (geoffrey.coram@analog.com)
SiC (not yet a standard)	Colin Shaw (Silvaco) (colin.shaw@silvaco.com)

Active Work Groups in the CMC (continued)

Work Group Name (Other Standards)	Chair
OMI API	Colin Shaw (Silvaco) (colin.shaw@silvaco.com)
Reliability Model (not yet a standard)	Klaus-Willi Pieper (Infineon) (klaus-willi.pieper@infineon.com)
Random Telegraph Noise (not yet a standard)	Colin Shaw (Silvaco) (colin.shaw@silvaco.com)

Work Group Name (Operational)	Chair
Model QA and Release	Shahriar Moinian (Broadcom) (shahriar.moinian@broadcom.com)
Verilog-A Recommended Practices	Geoffrey Coram (Analog Devices) (Geoffrey.coram@analog.com)

Si2 Staff

Area of Responsibility	Lead
CEO	Robert Aslett
Transition Management	Leigh Anne Clevenger (leighanne.clevenger@si2.org)
CMC Liaison for all operational matters	Ali Sadigh (ali.sadigh@si2.org)

