

IEEE 802.3 400 Gb/s/Lane Signaling Study Group

Telephonic Interim meeting

20 Aug 2026 Telephonic Interim Meeting
Meeting Minutes, Prepared by Beth Kochuparambil

Meeting called to order at 7:00 am (all times PT) by Kent Lusted, the Chair for this meeting.

Presentation #1 Agenda and General Information

Presenter Kent Lusted

https://www.ieee802.org/3/400GPL/public/260820/agenda_400GPL_01a_260820.pdf

The Chair asked if there were any modifications to the agenda (see slide #2&6) . There were none. There were no objections to the approval of the agenda, and it was considered approved by unanimous consent.

The Chair asked if there were any modifications to the posted July Plenary and Telephonic Interim minutes. There was one correction to an affiliation in the Telephonic Interim minutes. There were no objections to the approval of minutes with the noted change, and they were considered approved by unanimous consent.

The Chair reviewed meeting decorum. The Chair reminded participants to follow the decorum rules. The Chair asked for members of the press to identify themselves. No one identified as such.

The Chair noted an update to the Working Group approved PAR,CSD, and Objectives.

The Chair presented the second slide of the IEEE SA Pre-PAR Patent Policy slides (see slide #21). He did a call for Potentially Essential Patents, and no one came forward.

The Chair presented the second slide of the IEEE SA Copyright Policy slides (see slide #23). He noted – “By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.”

The Chair reminded participants of the IEEE Code of Ethics and Conduct (see slide #25). He noted “All participants in IEEE-SA activities are expected to adhere to the core principles underlying the IEEE Code of Ethics and IEEE Code of Conduct”.

The Chair presented the second slide (see slide #26) of the IEEE SA Participation Policy slides. Chair noted – “Participants in the IEEE-SA “individual process” shall act independently of others, including employers. By participating in standards activities using the “individual process”, you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation.”

The Chair presented the third slide (see slide #27) of the IEEE SA Participation Policy. Chair noted that IEEE-SA standards activities should allow the fair & equitable consideration of all viewpoints, and The IEEE-SA Standards Board Bylaws (clause 5.2.1.3) specifies that “the standards development process shall not be dominated by any single interest category, individual, or organization”.

The Chair noted the IEEE Ethics Reporting Line (see slide #29) to the participants.

The Chair asked if any clarification was needed on IEEE SA Policies. There was none.

The Chair stated that attendance will be taken via IMAT and does not count towards IEEE 802.3 Working Group voting membership and provided the link to mark one's attendance. The Chair gave individuals time to fill out IMAT for attendance. No one indicated needing more time.

Chris Cole was unavailable when we got to his agenda item. The Chair asked if there was objection to jump ahead to Balasz Matuz's presentation before Mr. Cole's presentation.

Presentation #2 PAM 6 with Channel Memory: Which Option Wins?

Presenter Balasz Matuz

https://www.ieee802.org/3/400GPL/public/260820/matuz_400GPL_01_260820.pdf

Clarifying questions and discussion on the material occurred.

Presentation #3 Key required measurements for 400G PAM4 specifications

Presenter Chris Cole

https://www.ieee802.org/3/400GPL/public/260820/cole_400GPL_01a_260820.pdf

Clarifying questions and discussion on the material occurred.

The Chair announced that the Q&A of the final presentation would be allowed to run over the reduced timeframe announced (reduced 3 hours to 2 hours via email ahead of the meeting).

The Chair reminded individuals to fill out IMAT information for attendance.

Presentation #4 Intra-pair skew metric (SILD): Skew-Induced Insertion Loss Deviation

Presenter David Nozadze

https://www.ieee802.org/3/400GPL/public/260820/nozadze_400GPL_01_260820.pdf

Clarifying questions and discussion on the material occurred.

Again sharing Presentation #1

(https://www.ieee802.org/3/400GPL/public/260820/agenda_400GPL_01a_260820.pdf, slide 19), the Chair reviewed the next steps for the Study Group and the new presentation submission form. The Chair reminded participants of the presentation request process and appropriate deadlines for the upcoming Interim meeting.

Meeting adjourned at 9:14 am PT

ATTENDANCE (as captured by IMAT during the meeting slot)

Name	Affiliation	Employer
Alloin, Laurent	Ciena Corporation	
Bernier, Eric	Huawei Technologies Canada; Huawei Technologies Co., Ltd	Huawei Technologies Canada Co., Ltd.
Bruckman, Leon	NVIDIA	NVIDIA
Choudhury, Golam	Genuine Optics	Genuine Optics
Cole, Christopher R	Coherent Corp	Coherent Corporation
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	NVIDIA	NVIDIA
Dsilva, Hansel	Amphenol Corporation	
Ghiasi, Ali	Ghiasi Quantum LLC, MARVELL	Ghiasi Quantum LLC
Gore, Brandon	Samtec, Inc.	Samtec, Inc.
HE, MICHAEL	TeraHop Pte. Ltd.	TeraHop Pte. Ltd.
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	Intel Corporation	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Holdrege, Matthew	Microchip Technology, Inc.	Microchip Technology, Inc.
Huang, Kechao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Issenhuth, Tom	Huawei Technologies Co., Ltd	Issenhuth Consulting, LLC
Johnson, John	Broadcom	Broadcom Corporation
Kao, Chienping	Cornelis Networks	Intel Corporation

Name	Affiliation	Employer
Kaygusuz, Ahmet	Adhoc Teknoloji	Adhoc Teknoloji
Kiguradze, Zurab	Cisco Systems, Inc.	Cisco Systems, Inc.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Kochuparambil, Beth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kugel, Valery	Juniper Networks, Inc.	
Landry, Gary	Coherent	Coherent Corp.
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Lewis, David	Speciphy; Lumentum	SPECIPHY / Lumentum
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Li, Yabo	MediaTek Inc.	Mediatek Inc
Lim, Jane	Cisco Systems, Inc.	Cisco Systems, Inc.
Liu, Cathy	Broadcom	Broadcom Corporation
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maki, Jeffery	Juniper Networks, Inc.	Hewlett Packard Enterprise
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	Lightera	Lightera
Mascitto, Marco	Nokia	Nokia Canada Inc.
Matuz, Balazs	Huawei Technologies Duesseldorf GmbH	
Mazzini, Marco	Cisco Systems, Inc.	Cisco Systems, Inc.
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Mosavirik, Tahoura	Amphenol Corporation	

Name	Affiliation	Employer
MURAKAMI, YUKI	1Finity	1Finity
Murty, Ramana	Broadcom Inc.	Broadcom Inc.
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Nozadze, David	Cisco Systems, Inc.	Cisco Systems, Inc.
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Perez De Aranda Alonso, Ruben	Cisco Systems, Inc.	Knowledge Development for POF SL
Phadke, Rohan	Broadcom	Broadcom Corporation
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ramesh, Sridhar	Maxlinear Inc	MaxLinear
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Razavi, Alireza	Eliyan	Marvell
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Sakai, Toshiaki	Socionext	Socionext Inc.
Sapozhnikov, Mike	Cisco Systems, Inc.	Cisco Systems, Inc.
Savi, Olindo	Hubbell Incorporated	Hubbell Incorporated
Sedarat, Hossein	Ethernovia	Ethernovia
Shakiba, Mohammad	Huawei Technologies Canada; Huawei Technologies Co., Ltd	Huawei Technologies Canada Co., Ltd.
Shan, Peijun	AMD	
She, Qingya	FUJITSU	Fujitsu Network Communications
Shrikhande, Kapil	Upscale AI	Marvell Semiconductor, Inc.
Simms, William	NVIDIA Corporation	NVIDIA Corporation

Name	Affiliation	Employer
Sokolovsky, Alex	Huawei Technologies Co., Ltd	
Sommers, Scott	Molex Incorporated	Molex LLC
Son, Yung Sung	Optomind Inc	Optomind Inc
Sorbara, Massimo	GlobalFoundries	GLOBALFOUNDRIES
Sun, Wensheng	Credo Semiconductor	Credo Semiconductor
Swenson, Norman	Norman Swenson Consulting; Point2 Technology Inc., Nokia	Norman Swenson Consulting
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Tzuang, Lawrence	Polaris Electro Optics	Polaris Electro Optics
WANG, Xuebo	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Weaver, James	Arista Networks	Arista Networks
Welch, Brian	Cisco Systems, Inc.	Cisco Systems, Inc.
Wig, Timothy	Samtec, Inc.	Samtec, Inc.
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Zhuang, Yan	Huawei	Huawei Technologies Co., Ltd
Zimmerman, George	CME Consulting; Analog Devices; Cisco; Eliyan; Infineon; OnSemi; Sony	CME Consulting, Inc.
Zivny, Pavel	Lumilens	Lumilens