

IEEE 802.3 400 Gb/s/Lane Signaling Study Group

Ad hoc meeting

30 July 2026 Ad hoc Teleconference 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/260730/agenda_400GPL_01_260730.pdf

The Chair asked if there were any modifications to the agenda (see slides #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 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 presented the second slide of the IEEE SA Pre-PAR Patent Policy slides (see slide #20). 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 #21). 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 #23). 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 #24) 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 #25) 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 #27) 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.

Presentation #2 400 GBPL Electrical Objective Kaleidoscope: Reach, Loss, Cutoff, Noise, and COM

Presenter Rich Mellitz

https://www.ieee802.org/3/400GPL/public/260730/mellitz_400GPL_01_260730.pdf

Clarifying questions and discussion on the material occurred.

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

Presentation #3 Link Layer Retransmission (LLR) and Its Impact on Next-Generation 400 Gb/s/lane Standardization

Presenter Runlong Hu

https://www.ieee802.org/3/400GPL/public/260730/hu_r_400GPL_01a_260730.pdf

Clarifying questions and discussion on the proposal occurred.

Again sharing Presentation #1

(https://www.ieee802.org/3/400GPL/public/260730/agenda_400GPL_01_260730.pdf, slides 17-18), the Chair reviewed the next steps for the Study Group. The Chair reminded participants of the presentation request process and appropriate deadlines for the upcoming Electronic Interim meetings.

Meeting adjourned at 8:49 am PT

ATTENDANCE (as captured by IMAT during the meeting slot)

Name	Affiliation	Employer
Name	Employer	Affiliation
Akinwale, Oluwafemi	Intel Corporation	Intel Corporation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Bruckman, Leon	NVIDIA	NVIDIA
Choudhury, Golam	Genuine Optics	Genuine Optics
Dawe, Piers J G	NVIDIA	NVIDIA
Dsilva, Hansel		Amphenol Corporation
Dudek, Michael	Marvell	Marvell
Gauthier, Claude	NXP Semiconductors	ForestSemi
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC, MARVELL
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	TE Connectivity	Intel Corporation
Holdrege, Matthew	Microchip Technology, Inc.	Microchip Technology, Inc.
Hu, Runlong		China Mobile Communications Group Co.,Ltd
Huang, Kechao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Kao, Chienping	Intel Corporation	Cornelis Networks
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.

Name	Affiliation	Employer
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Landry, Gary	Coherent Corp.	Coherent
Lessard, Stephane	Ericsson AB	Ericsson AB
Lewis, David	SPECIPHY / Lumentum	Speciphy; Lumentum
Li, Mike-Peng	Altera Corporation	Intel Corporation
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Marques, Flavio	Lightera	Lightera
Mascitto, Marco	Nokia Canada Inc.	Nokia
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Murisa, Egide		Molex Incorporated
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Osorio, Luz	Nokia Canada Inc.	Nokia
Palkert, Thomas	Samtec, Inc.	Samtec, Inc.
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ramesh, Sridhar	MaxLinear	Maxlinear Inc
Razavi, Alireza	Marvell	Eliyan
Sakai, Toshiaki	Socionext Inc.	Socionext
Shakiba, Mohammad	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada; Huawei Technologies Co., Ltd

Name	Affiliation	Employer
Sharon, Ari		Terawand
Sikkink, Mark	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sun, Wensheng	Credo Semiconductor	Credo Semiconductor
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc., Nokia
Tzuang, Lawrence	Polaris Electro Optics	Polaris Electro Optics
Wang, Xiaofeng	Qualcomm Incorporated	Qualcomm Incorporated
WANG, Xuebo	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Weaver, James	Arista Networks	Arista Networks
Wig, Timothy	Samtec, Inc.	Samtec, Inc.
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Zhuang, Yan	Huawei Technologies Co., Ltd	Huawei