

**Unapproved Meeting Minutes:  
IEEE 802.3 New Ethernet Applications Ad Hoc  
Interim Meeting**

September 14, 2020  
Telephonic  
Prepared by John D'Ambrosia

Monday September 14, 2020

Meeting Chaired by John D'Ambrosia

Meeting called to order at approximately 10:01am ET.

Mr. D'Ambrosia reminded the group that attendance for this meeting would use IMAT.

**Presentation #1 – General Information & Agenda**

Presenter: John D'Ambrosia

URL: [https://www.ieee802.org/3/ad\\_hoc/ngrates/public/calls/20\\_0914/agenda\\_nea\\_200914.pdf](https://www.ieee802.org/3/ad_hoc/ngrates/public/calls/20_0914/agenda_nea_200914.pdf)

Chair reviewed the meeting agenda and asked if there was any objection to approving the agenda as shown, none responded. Agenda was approved by unanimous consent.

Chair reviewed minutes for approval – Aug 24, 2020 Unapproved Minutes –

[https://www.ieee802.org/3/ad\\_hoc/ngrates/public/calls/20\\_0824/minutes\\_nea\\_200824\\_unapproved.pdf](https://www.ieee802.org/3/ad_hoc/ngrates/public/calls/20_0824/minutes_nea_200824_unapproved.pdf)

Chair asked if there were any objections to approving the modified minutes, as described, and there were no objections. The minutes were approved by unanimous consent.

Chair asked if anyone needed to review the IEEE-SA policies that the meeting is run by which were sent with the meeting invitation, none responded.

**Presentation #2 – PAM4 DSP Architecture Advances for Beyond 400GbE**

Presenter – Ilya Lyubomirsky

URL: [https://www.ieee802.org/3/ad\\_hoc/ngrates/public/calls/20\\_0914/lyubomirsky\\_nea\\_01\\_200914.pdf](https://www.ieee802.org/3/ad_hoc/ngrates/public/calls/20_0914/lyubomirsky_nea_01_200914.pdf)

General discussion regarding the presentation

Mr. D'Ambrosia asked Mr. Lewis to chair meeting while he presented. Mr. Lewis started chairing meeting at 10:42 am.

**Presentation #3 – Update - Draft CFI Consensus Deck - Beyond 400 GbE**

Presenter – John D'Ambrosia

URL: [https://www.ieee802.org/3/ad\\_hoc/ngrates/public/calls/20\\_0914/dambrosia\\_nea\\_01a\\_200914.pdf](https://www.ieee802.org/3/ad_hoc/ngrates/public/calls/20_0914/dambrosia_nea_01a_200914.pdf)

General discussion and feedback about presentation.

Mr. D'Ambrosia requested any individuals interested in being listed as a supporter contact him via email.

Mr. Lewis gave closing comments.

Meeting adjourned at 11:56 am.

## Attendees

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Bhatt, Vipul	Finisar Corporation	Finisar Corporation
bordogna, mark	Intel	Intel
Brooks, Paul	Viavi solutions GmbH	Viavi Solutions
Brown, Matthew	Huawei Technologies Canada	Huawei Technologies Canada
Bruckman, Leon	HUAWEI	HUAWEI
Calvin, John	Keysight Technologies	Keysight Technologies
Castro, Jose		Panduit Corp.
Chang, Yongmao	Inphi Corporation	Source Photonics
Chen, Chan	Applied Optoelectronics, Inc.	Applied Optoelectronics, Inc.
Choudhury, Golam	OFS	OFS
D'Ambrosia, John	Futurewei Technologies	Futurewei (U.S. Subsidiary of Huawei)
Dawe, Piers J G	Mellanox Technologies	Nvidia
Didde, Stephen	Keysight Technologies	Keysight Technologies
Djahanshahi, Hormoz	Microsemi Corporation	Microsemi Corporation
Ferretti, Vincent	Corning Incorporated	Corning Incorporated
Geng, Limin	HUAWEI	HUAWEI
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC, Inphi
Gustlin, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
He, Xiang	HUAWEI	HUAWEI
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	Intel Corporation	Intel Corporation
Huszak, Gergely	Self	KONE
Isono, Hideki	FUJITSU	Fujitsu Optical Components Limited
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co. Ltd
Johnson, John	Broadcom Limited	Broadcom Limited
Kabra, Lokesh	Synopsys, Inc.	Synopsys, Inc.
Kim, Inho	Marvell	Marvell
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kota, Kishore		Inphi Corporation
Lackner, Hans	QoSCom GmbH	QoSCom - Quality in Communications - GmbH
Lam, Cedric		Google
Latchman, Ryan	MACOM	MACOM
Lewis, David	Lumentum Inc.	Lumentum Inc.
Lewis, Jon	Dell EMC	Dell EMC
Lingle, Robert	OFS	OFS
Liu, Hai-Feng	Intel	Intel Corporation
Lusted, Kent	Intel Corporation	Intel Corporation
Mak, Gary		inphi
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
Mitcheltree, Tom		US Conec, Ltd.
Muller, Shimon	Axalume, Inc.	Axalume, Inc.
Nering, Raymond	Cisco	Cisco Systems, Inc.
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Xilinx	Xilinx
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Omori, Kumi		NEC Corporation
Palkert, Thomas	EIC	Samtec-Macom
Piehler, David	Dell	Dell Technologies
Pimpinella, Rick	Panduit Corp.	Panduit Corp.
Pittala, Fabio	Huawei Technologies Duesseldorf GmbH	Huawei Technologies Duesseldorf GmbH
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Radhamohan, Rajeshmohan	MAXLINEAR INC	MaxLinear Inc
Ramesh, Sridhar	Maxlinear	Maxlinear Inc
Sarlet, Gert	Finisar Corporation	Finisar Corporation
Savi, Olindo	Hubbell Incorporated	Hubbell Incorporated
SAWANO, Hiroshi		OITDA
Sekel, Steve	Keysight Technologies	Keysight Technologies
She, Qingya	Fujitsu Network Communications	Fujitsu Network Communications
Shukla, Priyank		Synopsys, Inc.
Sommers, Scott	Molex Incorporated	Molex Incorporated
Sone, Yoshiaki	NTT	Nippon Telegraph and Telephone Corporation (NTT)
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Stassar, Peter	Huawei Technologies Co. Ltd	Huawei Technologies Co. Ltd
Stone, Robert	Broadcom Corporation	Broadcom Corporation
Swanson, John		Synopsys, Inc.
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
Theodoras, James	HG Genuine	HG Genuine
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Tsegaye, Tedros		Innolight Technology Corproation
Ulrichs, Ed	Source Photonics	Intel
Wang, Ruoxu		Huawei Technologies Co. Ltd
Wang, Xinyuan	Huawei Technologies Co. Ltd	Huawei Technologies Co. Ltd
Williams, Tom	Acacia Communications	Acacia Communications
Withey, James	Fluke Corporation	Fluke Corporation
Xu, Qing	Ranovus	Ranovus Inc.
Young, James	CommScope, Inc.	CommScope
ZHANG, HUA		Hisense

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Zhou, Xiang		Google
Zhuang, Yan	Huawei Technologies Co. Ltd	Huawei Technologies Co. Ltd
Zimmerman, George	CME Consulting	CME Consulting/ADI, CommScope, Cisco Systems, Marvell, and SenTekse
Zivny, Pavel	Tektronix, Inc.	Tektronix, Inc.