

# IEEE 802.3 Working Group Opening Plenary 11 March 2024

David Law  
Chair, IEEE 802.3 Working Group  
dlaw@hpe.com

Agenda, voter lists: <http://www.ieee802.org/3/minutes/mar24/index.html>

# IEEE 802.3 Officers, Subgroup Chairs and Vice-Chairs

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IEEE 802.3 Chair: David Law <dlaw@hpe.com>

IEEE 802.3 Vice Chair: Adam Healey <adam.healey@broadcom.com>

IEEE 802.3 Secretary: Jon Lewis <jon.lewis@dell.com>

IEEE 802.3 Executive Secretary: Chad Jones <cmjones@cisco.com>

IEEE 802.3 Treasurer: Valerie Maguire <vmaguire@ieee.org>

## **IEEE 802.3 Task Force chairs**

IEEE P802.3cw 400 Gb/s over DWDM systems: John D'Ambrosia <jdambrosia@ieee.org>

IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement: Chad Jones <cmjones@cisco.com>

IEEE P802.3df 400 Gb/s and 800 Gb/s Ethernet: John D'Ambrosia <jdambrosia@ieee.org>

IEEE P802.3dg 100 Mb/s Long-Reach Single Pair Ethernet: George Zimmerman <george@cmephyconsulting.com>

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: John D'Ambrosia <jdambrosia@ieee.org>

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs: Yuanqiu Luo <yuanqiu.luo@futurewei.com>

IEEE P802.3.1 (IEEE 802.3.1b) SMIv2 Data Models (Revision) Marek Hajduczenia <mxhajduczenia@gmail.com>

IEEE P802.3.2 (IEEE 802.3.2a) YANG Data Model (Revision) Marek Hajduczenia <mxhajduczenia@gmail.com>

IEEE P802.3-2022/Cor 1 (IEEE 802.3dn) Multi-Gigabit Automotive MDI return loss Brett McClellan <bmc@marvell.com>

## **IEEE 802.3 Study Group chair**

IEEE 802.3 Ethernet for Automotive Imaging Sensors Study Group: Jon Lewis <jon.lewis@dell.com>

## **IEEE 802.3 Task Force vice-chairs**

IEEE P802.3cw 400 Gb/s over DWDM systems: Tom Issenhuth <tissenhuth@outlook.com>

IEEE P802.3df 400 Gb/s and 800 Gb/s Ethernet: Mark Nowell <mnowell@cisco.com>

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: Mark Nowell <mnowell@cisco.com>

# General Decorum

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- An officer is permitted to make an audio or slideshow recording of this meeting exclusively for the purpose of generating minutes which shall not be copied or distributed. **IEEE 802.3 meetings do not use this option.** Recording of the proceedings by any other participant or observer, in part or in whole, via any means, is prohibited. (June 2023 IEEE-SA Standards Board Operations Manual 5.3.3.2)
- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (June 2023 IEEE-SA Standards Board Operations Manual 5.3.3.3)

# In-Person Decorum

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- Cell phone ringers off
- Wear your badges at all times in meeting areas
  - Help the hotel security staff improve the general security of the meeting rooms
  - **PCs HAVE BEEN STOLEN** at previous meetings
  - **DO NOT** assume that meeting areas are secure
- Please sign into the teleconference **without audio and video**
- Please line up at the floor mic(s) to join the queue
- Please don't speak from your seat—you won't be heard on the teleconference
- Please observe proper decorum in meetings—no sidebar conversations

# Teleconference Decorum

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- Please **MUTE** unless called on
- Use the “**Raise Hand**” function to be placed into the queue
  - Don’t forget to lower your hand once recognized
- The chat can only send to “Everyone” or the WG officers
- Please observe proper decorum in meetings

# IEEE 802.3 Working Group Zoom Guidelines

The image shows a Zoom meeting interface with several callouts and annotations:

- Participants Window:** A callout box points to the 'Participants (1)' window, stating: "Your name should appear at the top of the list of participants. Hover over your name then select: 'More' → 'Rename'". A sub-callout points to the 'Rename' dialog box, stating: "Modify your screen name to include your affiliation".
- Zoom Toolbar:** A callout box points to the 'Participants' icon on the toolbar, stating: "Select the Participants icon on the zoom toolbar and the participants window will appear."
- Reactions:** A callout box points to the 'Raise Hand' reaction, stating: "Select Reactions to show the 'Raise Hand' and then to 'Lower Hand' after you have been acknowledged. Zoom queues raised hands based on first-come first-served".
- Recording:** A callout box points to the 'Record' icon, stating: "Recording function has been disabled per IEEE 802.3 policy." Below this is a small screenshot of a message: "Who can see your messages? Everyone".
- Chat:** A callout box points to the 'Chat' icon, stating: "Participant chat is limited to chat to 'Everyone', or to the host / co-hosts".
- Polls:** A callout box points to the 'Polls' icon, stating: "Polls are available here when active".
- Audio:** A yellow starburst callout box states: "Please use a high-quality wired headset for remote audio".

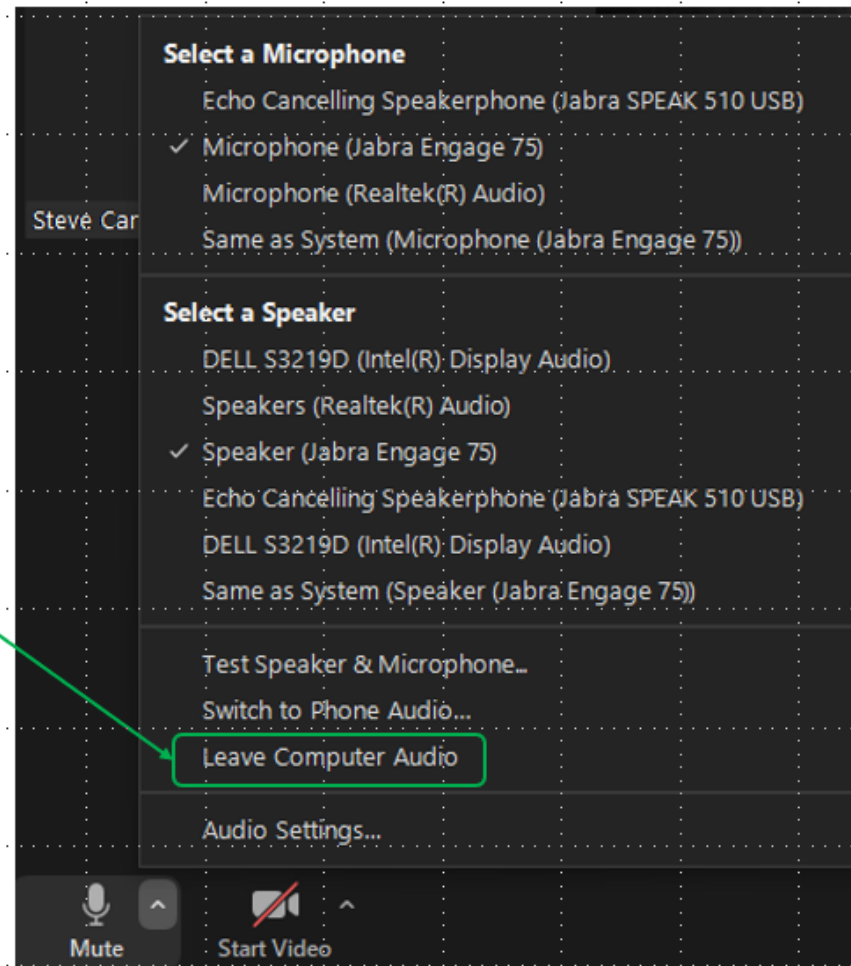
8 November 2022

Zoom\_guidelines\_1122.pdf

# IEEE 802.3 Working Group Zoom Guidelines

## In Person Audio

In-Person attendees please leave computer audio to avoid bandwidth challenges and the potential for audio feedback



# Meeting registration fee

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- This plenary session is subject to registration fee
  - Anybody that attends any meeting by any means (e.g., by teleconference or in person) held during this plenary session shall pay the meeting fee
  - Single fee allows you to attend all IEEE 802 meetings during the plenary session
- The registration fee is now 1500 USD with a 300 USD discount for attendees who stay at least 3 nights at the IEEE 802 Group Hotel, the Hyatt Regency Denver Colorado Convention Center Denver.
- The registration web site can be accessed at <<https://cvent.me/vKY5P4>>
- You will not need any code or special sign-in to attend the teleconferences
  - Attendance records will be compared with the paid registration list



# Non-payment of registration fees

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- If an individual is in arrears for a previous meeting:
  - The individual is not permitted to register for any future IEEE 802 Plenary or IEEE 802 Subgroup Interim (if registration is required)
  - As a result of the above, the individual is not permitted to attend any portion of a technical meeting that is part of an IEEE 802 plenary session. They are also not permitted to attend any portion of a technical meeting that is part of an IEEE 802 Subgroup Interim if that IEEE 802 Subgroup Interim required registration
  - Other sanctions include loss of all attendance credit, and the individual will need to regain membership voting rights as though they had never previously attended once they are no longer in arrears

# Agenda and Minutes

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- Approve agenda
  - [https://iee802.org/3/minutes/mar24/0324\\_agenda\\_open.pdf](https://iee802.org/3/minutes/mar24/0324_agenda_open.pdf)
  - Any modifications, additions or deletions?
- Approve November 2023 plenary minutes
  - [https://iee802.org/3/minutes/nov23/1123\\_minutes\\_draft.pdf](https://iee802.org/3/minutes/nov23/1123_minutes_draft.pdf)
  - Any corrections, modifications, additions?
- Approve January 2024 interim minutes
  - [https://iee802.org/3/minutes/jan24/0124\\_minutes\\_draft.pdf](https://iee802.org/3/minutes/jan24/0124_minutes_draft.pdf)
  - Any corrections, modifications, additions?

# INSTRUCTIONS FOR THE WG CHAIR

The IEEE SA strongly recommends that at each WG meeting the chair or a designee:

- Show slides 1 through 4 of this presentation
- Advise the WG attendees that:
  - IEEE's patent policy is described in Clause 6 of the *IEEE SA Standards Board Bylaws*;
  - Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
  - There may be Essential Patent Claims of which IEEE is not aware. Additionally, neither IEEE, the WG, nor the WG Chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.
- Instruct the WG Secretary to record in the minutes of the relevant WG meeting:
  - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
  - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
  - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.
- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG Chair review the guidance in *IEEE SA Standards Board Operations Manual* 6.3.5 and in FAQs 14 and 15 on inclusion of potential Essential Patent Claims by incorporation or by reference.

Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE SA Standards Board.

# **PARTICIPANTS HAVE A DUTY TO INFORM THE IEEE**

- Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
- Participants should inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims

**Early identification of holders of potential  
Essential Patent Claims is encouraged**

# **WAYS TO INFORM IEEE**

- **Cause an LOA to be submitted to the IEEE SA (patcom@ieee.org); or**
- **Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or**
- **Speak up now and respond to this Call for Potentially Essential Patents**

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

# **OTHER GUIDELINES FOR IEEE WORKING GROUP MEETINGS**

- All IEEE SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
  - Don't discuss the interpretation, validity, or essentiality of patents/patent claims.
  - Don't discuss specific license rates, terms, or conditions.
    - Relative costs of different technical approaches that include relative costs of patent licensing terms may be discussed in standards development meetings.
    - Technical considerations remain the primary focus.
  - Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.
  - Don't discuss the status or substance of ongoing or threatened litigation.
  - Don't be silent if inappropriate topics are discussed. Formally object to the discussion immediately.

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For more details, see *IEEE SA Standards Board Operations Manual*, clause 5.3.10 and *Antitrust and Competition Policy: What You Need to Know* at <http://standards.ieee.org/develop/policies/antitrust.pdf>

# **PATENT-RELATED INFORMATION**

The patent policy and the procedures used to execute that policy are documented in the:

- *IEEE SA Standards Board Bylaws*  
(<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>)
- *IEEE SA Standards Board Operations Manual*  
(<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>)

Material about the patent policy is available at  
<http://standards.ieee.org/about/sasb/patcom/materials.html>

If you have questions, contact the  
**IEEE SA Standards Board Patent  
Committee Administrator at**  
[\*\*patcom@ieee.org\*\*](mailto:patcom@ieee.org)

# **INSTRUCTIONS FOR CHAIRS OF STANDARDS DEVELOPMENT ACTIVITIES**

**At the beginning of each standards development meeting the chair or a designee is to:**

- Show the following slides (or provide them beforehand)
- Advise the standards development group participants that:
  - IEEE SA's copyright policy is described in Clause 7 of the IEEE SA Standards Board Bylaws and Clause 6.1 of the IEEE SA Standards Board Operations Manual;
  - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy;
- Instruct the Secretary to record in the minutes of the relevant meeting:
  - That the foregoing information was provided and that the copyright slides were shown (or provided beforehand).



# **IEEE SA COPYRIGHT POLICY**

**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.**

- Previously Published material (copyright assertion indicated) shall not be presented/submitted to the Working Group nor incorporated into a Working Group draft unless permission is granted.
- Prior to presentation or submission, you shall notify the Working Group Chair of previously Published material and should assist the Chair in obtaining copyright permission acceptable to IEEE SA.
- For material that is not previously Published, IEEE is automatically granted a license to use any material that is presented or submitted.

# **IEEE SA COPYRIGHT POLICY**

- The IEEE SA Copyright Policy is described in the IEEE SA Standards Board Bylaws and IEEE SA Standards Board Operations Manual
  - IEEE SA Copyright Policy, see
    - Clause 7 of the IEEE SA Standards Board Bylaws  
<https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7>
    - Clause 6.1 of the IEEE SA Standards Board Operations Manual  
<https://standards.ieee.org/about/policies/opman/sect6.html>
- IEEE SA Copyright Permission
  - <https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/permissionltrs.zip>
- IEEE SA Copyright FAQs
  - <http://standards.ieee.org/faqs/copyrights>
- IEEE SA Best Practices for IEEE Standards Development
  - [http://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/best\\_practices\\_for\\_ieee\\_standards\\_development\\_051215.pdf](http://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/best_practices_for_ieee_standards_development_051215.pdf)
- Distribution of Draft Standards (see 6.1.3 of the SASB Operations Manual)
  - <https://standards.ieee.org/about/policies/opman/sect6.html>

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## Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct

- All participants in IEEE-SA activities are expected to adhere to the core principles underlying the:
  - [IEEE Code of Ethics](#)
  - [IEEE Code of Conduct](#)
- The core principles of the IEEE Codes of Ethics & Conduct are to:
  - *Uphold the highest standards of integrity, responsible behavior, and ethical and professional conduct*
  - *Treat people fairly and with respect, to not engage in harassment, discrimination, or retaliation, and to protect people's privacy.*
  - *Avoid injuring others, their property, reputation, or employment by false or malicious action*
- The most recent versions of these Codes are available at <http://www.ieee.org/about/corporate/governance>

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## Participants in the IEEE-SA “*individual process*” shall act independently of others, including employers

- The [IEEE-SA Standards Board Bylaws](#) require that “*participants in the IEEE standards development individual process shall act based on their qualifications and experience*”
- This means participants:
  - **Shall act & vote** based on their personal & independent opinions derived from their expertise, knowledge, and qualifications
  - **Shall not act or vote** based on any obligation to or any direction from any other person or organization, including an employer or client, regardless of any external commitments, agreements, contracts, or orders
  - **Shall not direct** the actions or votes of other participants or retaliate against other participants for fulfilling their responsibility to act & vote based on their personal & independently developed opinions
- 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

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## IEEE-SA standards activities shall allow the fair & equitable consideration of all viewpoints

- 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”*
  - This means no participant may exercise *“authority, leadership, or influence by reason of superior leverage, strength, or representation to the exclusion of fair and equitable consideration of other viewpoints”* or *“to hinder the progress of the standards development activity”*
- This rule applies equally to those participating in a standards development project and to that project’s leadership group
- Any person who reasonably suspects that dominance is occurring in a standards development project is encouraged to bring the issue to the attention of the Standards Committee or the project’s IEEE-SA Program Manager

# Important Bylaws and Rules

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- IEEE-SA Operations Manual
  - <https://standards.ieee.org/about/policies/sa-opman/>
- IEEE-SA Standards Board Bylaws
  - <https://standards.ieee.org/about/policies/bylaws/>
- IEEE-SA Standards Board Operations Manual
  - <https://standards.ieee.org/about/policies/opman/>
- IEEE 802 LAN/MAN Standards Committee (LMSC) Policies and Procedures
  - <https://ieee.app.box.com/v/PandP-LMSC>
- IEEE 802 LAN/MAN Standards Committee (LMSC) Operations Manual
  - <http://www.ieee802.org/devdocs.shtml>
- IEEE 802 LAN/MAN Standards Committee (LMSC) Working Group (WG) Policies and Procedures
  - <http://www.ieee802.org/devdocs.shtml>
- IEEE 802.3 Working Group Operating Rules
  - [http://ieee802.org/3/rules/P802\\_3\\_rules.pdf](http://ieee802.org/3/rules/P802_3_rules.pdf)

# Membership and attendance recording

## Membership requirements (gaining and retaining)

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- Membership requirements
  - 75% attendance at 2 of last 4 plenary sessions
    - A qualifying interim may be substituted for one plenary
  - Request to become member during potential voter agenda item at IEEE 802.3 opening or closing plenary
  - Participate in **two** out of the last **three** IEEE 802.3 Working Group ballots to retaining membership
  - Maintain valid contact information
  - Consistent declaration of affiliation

# Membership and attendance recording

## Membership requirements (gaining and retaining)

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- The requirement for attendance credit is 3 out of 4 days
  - Must attend the IEEE 802.3 plenary on a day with an IEEE 802.3 plenary for credit
  - Monday 11 March 2024 and Thursday 14 March 2024 during this plenary session
- Payment of meeting registration fee
  - You must pay the meeting registration fee to receive meeting credit for this session
- Ignore the percentage reported by IMAT (now and always)
  - The 3 out of 4 days attendance credit calculation is performed offline
  - The days an individual attended a meeting will be published (as always)
- IEEE 802.3 Attendance credit summary, November 2022 to January 2024
  - See <[https://ieee802.org/3/minutes/mar24/0324\\_attendance\\_summary.pdf](https://ieee802.org/3/minutes/mar24/0324_attendance_summary.pdf)>
- IEEE 802.3 Member ballot return records
  - See <[https://ieee802.org/3/ballots/ballot\\_returns.pdf](https://ieee802.org/3/ballots/ballot_returns.pdf)>



# Membership and attendance recording

## Meeting attendance tool procedures

Jon Lewis

IEEE 802.3 Working Group Secretary

[Jon.lewis@dell.com](mailto:Jon.lewis@dell.com)

# Membership and attendance recording

## Meeting attendance tool procedures

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- The IEEE-SA Meeting Attendance Tool will be the basis of the official attendance record for this meeting: <<http://imat.ieee.org>>
- You only need to login in one meeting per day to get credit for that day
  - You are certifying that you are attending a "substantial" portion of that meeting
- Check that your affiliation (slide 24) and employer (slide 25) are correct per presentation below
- Full details of how to record attendance are available at the URL below: <[https://iee802.org/3/minutes/mar24/0324\\_imat.pdf](https://iee802.org/3/minutes/mar24/0324_imat.pdf)>

# Membership and attendance recording

## Review of membership

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- IEEE 802.3 voters
  - [http://www.ieee802.org/3/minutes/mar24/0324\\_voters.pdf](http://www.ieee802.org/3/minutes/mar24/0324_voters.pdf)
- IEEE 802.3 voters in peril
  - [http://www.ieee802.org/3/minutes/mar24/0324\\_peril.pdf](http://www.ieee802.org/3/minutes/mar24/0324_peril.pdf)
- IEEE 802.3 potential voters
  - [http://www.ieee802.org/3/minutes/mar24/0324\\_potential.pdf](http://www.ieee802.org/3/minutes/mar24/0324_potential.pdf)

# IEEE 802.3 Ethernet Working Group Treasury Report

Valerie Maguire, IEEE 802.3 Treasurer  
Copperopolis  
Denver, CO  
March 11, 2024

# IEEE 802.3 Ethernet Working Group Treasury Report

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- IEEE 802.3 funds are deposited in a Wells Fargo Concentration Banking account supported by IEEE NextGen Banking
- Automated 2023 tax filing
  - IEEE SA Financial Certification tool
  - Opening 2023 balance: \$12,155.22
  - Deposits: 0.00
  - Interest paid: \$395.72
  - Debits: (0.00)
  - Closing 2023 balance: \$12,550.94

# IEEE 802.3 Ethernet Working Group Treasury Report

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- Account balance
  - Opening Nov 2023 balance: \$12,469.38
  - Deposits: (0.00)
  - Interest paid: \$165.69
  - Debits: (0.00)
  - Closing Feb 2024 balance: \$12,635.07

Questions?

Thank you!

# IEEE 802 LAN/MAN Standards Committee report

## IEEE 802 LMSC Officer elections

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- IEEE 802 LMSC Officer elections at first plenary of even numbered years
  - IEEE 802 LMSC Chair and IEEE 802 TAG and IEEE 802 WG Chairs and Vice Chairs elections
    - IEEE 802 LMSC officers appointed by IEEE 802 LMSC Chair and confirmed by IEEE 802 LMSC
- IEEE 802 LMSC Chair
  - 2022-2024 is Paul Nikolich's final term as IEEE 802 LMSC Chair
  - Candidates for IEEE 802 LMSC Chair and the IEEE 802 LMSC appointed positions are sought as soon as possible
  - Candidates should contact the holder of the position they seek to enable them to fully understand the responsibilities of the positions (Vice Chairs, Treasure, Recording Secretary, Executive Secretary and Chair)
  - Please see <https://mentor.ieee.org/802-ec/dcn/23/ec-23-0168-00-00EC-march-2024-802-ec-election-process.pdf> for process details



# IEEE 802 LAN/MAN Standards Committee report

## IEEE 802 LMSC Officer elections

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- IEEE 802 LMSC Officer elections (con't)
  - IEEE 802.3 Chair and Vice Chair election
  - Opening IEEE 802.3 plenary meeting (March 2024)
    - Candidates may announce their candidacy before or during the opening IEEE 802.3 plenary meeting
    - Nominations will be closed at the end of the meeting
  - Closing IEEE 802.3 plenary meeting (March 2024)
    - IEEE 802.3 Chair and Vice Chair elections
    - For election process details please see:  
[https://ieee802.org/3/minutes/nov23/1123\\_802\\_3\\_closing\\_plenary.pdf#slide=40](https://ieee802.org/3/minutes/nov23/1123_802_3_closing_plenary.pdf#slide=40)

# IEEE 802 LAN/MAN Standards Committee report

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- Proposal for ITU-T Adoption of IEEE Std 802.3
  - Parallel to ISO/IEC JTC 1/SC 6 adoption under ISO/IEEE PSDO agreement
    - We will continue to pursue ISO/IEC JTC 1/SC 6 adoption as we have in the past
  - Would result in 'ITU-T Recommendation Y.nnn Standard for Ethernet'
    - ITU-T A.25 Generic procedures for incorporating text between ITU-T and other organizations <<https://www.itu.int/rec/T-REC-A.25>>
    - Incorporation of IEEE Std 802.3 by reference in whole
  - Discussion at IEEE 802/ITU standing committee (16:00 - 18:00 Wednesday)
  - Potentially two contributions with cover liaison letter
    - A.1 justification for new work item (NWI) and draft of Y.nnn Standard for Ethernet

# IEEE 802 LAN/MAN Standards Committee report

## Treasury

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- Cash on Hand and Committed Funds
  - Committed Reserves as of 03/06/2024 – \$87,500 (Atlanta 2025), no change
- Payments made to vendors for future Sessions - \$11,250
  - F2F for initial work on upcoming rebooked sessions (7/2024, 11/2024)
- Cash on Hand (Bank Balance) as of 6-Mar-24: \$2,320,175.89
  - Includes income to date, initial payments to F2F for this meeting
- Reserves Update – Back to Normal, Increase leveling off
  - 2019 Year End Reserve: \$1.15M
  - 2020 Year End Reserve: \$0.96M (\$0.23M in deposits w/vendors)
  - 2021 Year End Reserve: \$1.00M (\$0.32M in deposits w/vendors)
  - 2022 Year End Reserve: \$1.505 M (\$0.14M in deposits w/vendors)
  - 2023 Year End Estimated Reserve: \$1.68 M (\$0.12M in deposits w/vendors)
- Jason Potterf has volunteered to serve as Member Emeritus, Associate Treasurer
  - For continuity, have 2 people working in the area, and to take over at some point in the future

# IEEE 802 LAN/MAN Standards Committee report

## IEEE 802 / ITU-T SG15 workshop

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- 9th joint workshop since [2007](#)
- 13 July 2024, Le Centre Sheraton Montreal, Canada
  - In-person with provisions (TBC) to support mixed mode
  - Following 1-12 July 2024 ITU-T Study Group 15 plenary
  - Preceding 14-19 July 2024 IEEE 802 plenary session
- Workshop registration required - no fee
  - Open to ITU members, IEEE 802 participants and other interested individuals
- Further logistical details and detailed program forthcoming

# IEEE 802 LAN/MAN Standards Committee report IEEE 802 / ITU-T SG15 workshop : High level agenda

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- 8:30 opening remarks
  - TSB Director, SA President, 802 Chair, SG15 Chair
- Topics arranged in four sessions:
  - Evolving to Beyond 1T Transmission
    - Organizers: P802.3dj TF Chair John D'Ambrosia, ITU-T Q11/15 Rapporteur Steve Gorshe
  - Access and In-Premises Networks
    - Organizers: P802.3dg TF Chair George Zimmerman, ITU-T Q2/15 Frank Effenberger
  - Synchronization and TSN
    - Organizers: 802.1 TSN TG Chair János Farkas, ITU-T Q13/15 Rapporteur Stefano Ruffini
  - YANG and Data Modelling
    - Organizer: 802 YANGsters Chair and ITU-T Q14/15 Rapporteur Scott Mansfield
- 17:30 – 18:00 wrap-up, takeaways, closing

# IEEE 802 LAN/MAN Standards Committee report

## Proposed Change for Attendance

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- Return to requiring In-Person attendance at 2 out of the last 4 Plenary Sessions
  - One In-Person Interim may be used in place of a plenary
  - Require In-Person attendance at 1 1/2 meetings per year (or 2 one year, one the alternate)
- This policy only affects gaining and maintaining voting rights
  - IEEE 802 is planning to continue with hybrid meetings
  - Anyone complies with the meeting fee rules can participate
- The WG chair can declare In-Person attendance credit at their discretion

# IEEE 802 LAN/MAN Standards Committee report

## Why Is This Change Being Considered

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- To encourage in-person attendance
  - Encourage informal consensus building
  - Build empathy among individuals
  - Encourage active participation among attendees
- Provide individuals with a strong reason to justify travel time and cost for in-person attendance
  - Travel costs are only a small part of the overall commitment
  - Time is probably our most valuable contribution
- Improve unity and cross-pollination of ideas among IEEE 802 standards and attendees

# IEEE 802 LAN/MAN Standards Committee report

## Proposed Change for Attendance: FAQ

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- When will it take effect?
  - 2 options being considered, one is after March 2024 plenary, the other is after the July 2024 plenary
- When will I start to lose voting rights if I don't attend in person?
  - It depends on your previous credited attendance
  - If it takes effect at the end of the March 2024 meeting, it could be until May 2025
  - If it takes effect at the end of the July 2024 meeting, it could be until September 2025



# Other items

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- IEEE 802.3 meeting attendance credit changes from May
  - IEEE 802.3 interims will be 'credited Interim Session'
  - IMAT will use four 'meeting slots' for Interims and Plenary
    - Remove IMAT post-process IMAT for IEEE 802.3 Recording Secretary
    - IMAT attendance credit percentages will be correct
    - Align us with all other IEEE 802 Working Groups
  - Impacts
    - Individual must attend 75% of meeting slots of 'credited Interim Session' for credit
    - Individuals will need to sign in four times a day
    - Minimum attendance for three days at a four-day interim for credit
    - Minimum attendance of four days at a five-day interim for credit

# Other items

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- Multiplexed Application Substrate over QUIC Encryption
  - <https://datatracker.ietf.org/doc/draft-ietf-masque-connect-ethernet/>
  - Abstract
    - This document describes how to proxy Ethernet frames in HTTP. This protocol is similar to IP proxying in HTTP, but for Layer 2 instead of Layer 3. More specifically, this document defines a protocol that allows an HTTP client to create Layer 2 Ethernet tunnel through an HTTP server to an attached physical or virtual Ethernet segment.
- Potential "IEEE SA Open" open-source project

# IEEE 802 LAN/MAN Standards Committee report

## Cross-IEEE 802 topics and IEEE 802 meetings

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IEEE 802 LMSC Rules	19:30 - 21:30	Sunday
Opening IEEE 802 LMSC Meeting	08:00 - 10:15	Monday
Tutorial 1: Ascon: The Lightweight Cryptography Standard for IoT	18:15 - 19:35	Monday
Tutorial 2: Automated Frequency Coordination (AFC)	19:45 – 21:05	Monday
IEEE 802/JTC1 standing committee	16:00 - 18:00	Tuesday
IEEE 802/ITU standing committee	16:00 - 18:00	Wednesday
Future Venues Ad Hoc	07:30 - 08:30	Thursday
IEEE 802 LMSC Chair Open Office Hours	09:00 – 10:00	Thursday
Closing IEEE 802 LMSC Meeting	13:00 - 18:00	Friday


Note: all times and days are in the physical meeting time zone (MDT)

See <https://calendar.google.com/calendar/u/0/embed?src=b1i61797rqce8ks5fd9fi7k2nc@group.calendar.google.com&ctz=UTC>

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**Password: IEEE802marplen (password is case sensitive)**  
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The screenshot shows a web interface for downloading a file. At the top, it says 'IEEE SA' and 'Log In'. Below that, the file name 'IEEE802Std\_2022Ed.zip' and its size '958.79 MB' are displayed. A 'Download' button is visible, with a red arrow pointing to it.

- Once the user clicks on “Click here”, they will be prompted to enter a password to download the file (found directly below the link)
  - The password must be typed in (it cannot be copied and pasted)
  - The password can be found directly below the link
- In case of any issues, please contact Jodi Haasz ([j.haasz@ieee.org](mailto:j.haasz@ieee.org)) or Christy Bahn ([c.bahn@ieee.org](mailto:c.bahn@ieee.org))
- The 802 eMedia will only be available for download during the 802 Plenary week.**



## Other IEEE 802 PARs under consideration at this plenary session

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- Amendment project PARs
  - IEEE P802.1ASeb Timing and Synchronization for Time-Sensitive Applications Amendment: Optional Use of Announce [PAR](#) and [CSD](#)
  - IEEE P802.11bp Wireless LAN Amendment: Enhancements for Ambient Power Communication (AMP) [PAR](#) and [CSD](#)
- PAR modification request:
  - IEEE P802.11bf Wireless LAN Amendment: Enhancements for Wireless Local Area Network (WLAN) Sensing [PAR](#) [modification request](#)

# Liaisons

# Liaison letters

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## External Liaison letters (old)

ISO/IEC JTC 1/SC 25/WG 3: Multi-drop cabling liaison letter

[IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement Task Force](#)

ITU SG5: Proposed future revision of ITU-T K.117 and K.147 liaison letter

[IEEE 802.3 Power Delivery Coordinating Committee \(PDCC\) Ad Hoc](#)

ITU SG15: Liaisons on the latest version of the Access Network Transport (ANT) and Home Network Transport (HNT) Standards Overviews and Work Plans liaison letter

ITU SG15: Access Network Transport (ANT) Standards Overview and Work Plan liaison letter

ITU SG15: Home Network Transport (HNT) Standards Overview and Work Plan liaison letter

ITU SG15: OTNT Standardization Work Plan Issue 33 liaison letter

[Reply out of the May 2024 IEEE 802.3 interim meeting](#)

ITU SG15: G.652 fiber link property liaison letter

[IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force](#)

[IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs Task Force](#)

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[Assigned group or individual to review letter and make a recommendation at the IEEE 802.3 closing plenary if there should be a reply, and if so, propose a draft reply](#)



# Liaison letters (continued)

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## External Liaison letters (old)

ITU SG15: 100 Gb/s bidirectional point-to-point optical access liaison letter

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs Task Force

MOPA: Time synchronisation error in PTP concerns over segmented FEC liaison letter

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force

## External Liaison letters (new)

Broadband Forum: Addressing ONU Management at Scale liaison letter

IEEE P802.3.2 (IEEE 802.3.2a) YANG Data Model Definitions (revision) Task Force

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Assigned group or individual to review letter and make a recommendation at the IEEE 802.3 closing plenary if there should be a reply, and if so, propose a draft reply

# Liaison report

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TIA TR-42 report

# Continuing Agenda ...

# DirectVote Live URL

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<https://vote.directvotelive.net/login.aspx?o=223>