

# Opening Plenary November 2025

Glenn Parsons – IEEE 802.1 WG Chair glenn.parsons@ericsson.com

# 802.1 plenary agenda

### Monday, November 10th opening

- Copyright Policy
- Call for Patents
- Participant behavior
- Administrative
- Membership status
- Future Sessions
- 802 EC report
- Incoming Liaisons
- Promotion
- Awards
- Sanity check current projects
- TG agendas
- Any other business

### Thursday, November 13th closing

- Copyright Policy
- Call for Patents
- Participant behavior
- Membership status
- Future Sessions
- Sanity check current projects
- TG reports
- Outgoing Liaisons
- Motions for EC
- Motions for 802.1
- Any other business

### **REGISTRATION FEE**

# Access to this session\* requires a registration fee. Please check the session announcement for details before attending.

\* IEEE 802.1 holds 3 plenary sessions and 3 interim sessions a year. No registration fee is required for IEEE 802.1 electronic meetings held between these sessions.



### **NOVEMBER 2025 MIXED MODE SESSION**

Meeting is to be run as an in-person meeting.

- Local time zone schedule for meetings
- Local participants attend as an inperson meeting
- Remote access is provided to remote participants to view/present/interact similarly to on-line meetings (best effort)

Please wear your badge when in the meeting areas of the hotel

- This will help the staff to improve the general security of the meeting rooms
- PCs HAVE BEEN STOLEN at previous meetings – DO NOT assume that meeting areas are secure



### **MIXED MODE GUIDELINES**

All meetings are supported by an in-person mixed mode facilitator

- Project in the meeting room
- Appears as "Meeting Room"
- Broadcast meeting room audio
- Mute or remove noisy lines
- Monitor the conferencing queue

The chair runs the meeting

- Responsible for recognizing people in two queues
- In person at the mic
- On web conferencing (assisted by facilitator)

All presenters present via web conferencing

If you are in-person, you <u>may</u> join web conferencing to

- Present
- See the screen
- Chat (not part of the meeting)

If you are in-person and join web conferencing

- DO NOT connect to the audio
- After you accept the IEEE SA terms
- Before you click join meeting
- Change your audio:

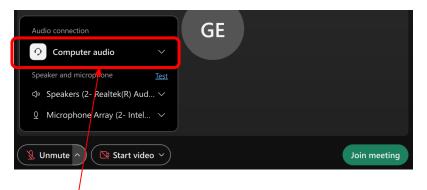
⟨ × Audio: Don't connect to audio



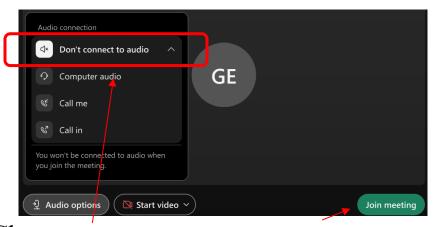


# YET TO JOIN

### **ALREADY JOINED**



Click: ^ Select: "Computer Audio"

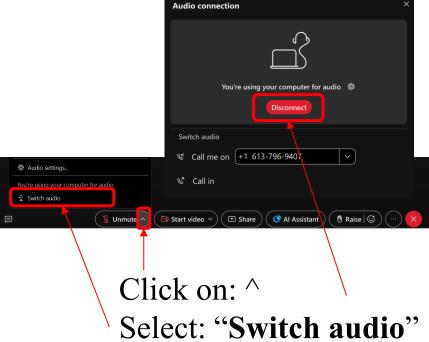


Choose:

"Don't Connect to Audio"

Once completed:

join meeting



Select "Disconnect"



### WEB CONFERENCING GUIDELINES

Please mute yourself when you are not speaking

 Please put yourself into the queue "at the mic" via the chat, e.g.: "+q" / "-q"

- Please provide your information
  - First and last names
  - Affiliation, after your last name, e.g., in square brackets

(Ideally upon joining as a guest. Alternatively, right click your name to edit it in the participants list; if unsuccessful, try signing out and rejoining as a guest.)





### **DECORUM**









- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (5.3.3.3 of SASB Operations Manual)
- Video/Audio recording by participants is prohibited (5.3.3.2 of SASB Operations Manual)
- Photography by permission only (5.3.3.2 of SASB Ops Manual)
- Cell phone ringers off please



### **ATTENDANCE**

- Please record your attendance in IMAT at https://imat.ieee.org
  - This requires a free IEEE Account.
  - Please create one only if you do not already have one.

Schedule	7:00	8:00	9:00 1	0:00 11	1:00 12:00	13:00	14:00	15:00	16:00 1	7:00 18	:00 19	:00 20	00 21	:00 22	00 23	:00
TSN TG																

- For an active meeting denoted by a yellow bar, click on the bar: it changes to a green bar once your attendance has been recorded.
- The data from IMAT is used as the meeting participant list.
  - Please **promptly** provide your affiliation to the minute taker if you are unable to record your attendance in IMAT.



# **Logistics Orientation**

- For new attendees:
  - <a href="https://1.ieee802.org/orientation/">https://1.ieee802.org/orientation/</a>

- DVI
  - Training
  - Practice the web-based voting tool
    - Access via the "<u>Cast your vote</u>" link on the 802.1 plenary session page
    - · Based on your IEEE logon email account
  - Closing plenary motions



Practice Voting

# MEETING POLICIES

- IEEE SA Patent Policy
- IEEE SA Copyright Policy
- Participant Behavior

### 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 <u>shall</u> 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 <u>should</u> 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.

.....

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 <a href="http://standards.ieee.org/about/sasb/patcom/materials.html">http://standards.ieee.org/about/sasb/patcom/materials.html</a>

If you have questions, contact the IEEE SA Standards Board Patent Committee Administrator at 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).
- Ask participants to register attendance in IMAT: <a href="https://imat.ieee.org">https://imat.ieee.org</a>





### **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
     <a href="https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7">https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7</a>
     Clause 6.1 of the IEEE SA Standards Board Operations Manual <a href="https://standards.ieee.org/about/policies/opman/sect6.html">https://standards.ieee.org/about/policies/opman/sect6.html</a>
- IEEE SA Copyright Permission
  - <u>https://standards.ieee.org/content/dam/ieee-</u> standards/standards/web/documents/other/permissionltrs.zip
- IEEE SA Copyright FAQs
  - http://standards.ieee.org/faqs/copyrights.html/
- IEEE SA Best Practices for IEEE Standards Development
  - http://standards.ieee.org/develop/policies/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



# 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 <a href="http://www.ieee.org/about/corporate/governance">http://www.ieee.org/about/corporate/governance</a>

Slide 1

# PARTICIPANTS IN THE IEEE-SA "INDIVIDUAL PROCESS" SHALL ACT INDEPENDENTLY OF OTHERS, INCLUDING EMPLOYERS

The <u>IEEE-SA Standards Board Bylaws</u> 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

Slide 2

# IEEE-SA STANDARDS ACTIVITIES SHALL ALLOW THE FAIR & EQUITABLE CONSIDERATION OF ALL VIEWPOINTS

The <u>IEEE-SA Standards Board Bylaws</u> (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

Slide 3

# Subgroup announcements

- Subgroup Chairs (or designees) please note during this plenary session:
  - At the start of the first TG meeting, announce that the meeting is subject to the policies in "MEETING INTRODUCTION" <a href="https://www.ieee802.org/1/files/public/templates/admin-TG-intro-0325-v01.pdf">https://www.ieee802.org/1/files/public/templates/admin-TG-intro-0325-v01.pdf</a> made available beforehand (as announced in the opening plenary meeting); and
    - Make the Call for Potentially Essential Patents and minute any responses to it.
  - At the start of the first pre-PAR subgroup meeting, announce that the meeting is subject to the policies in "MEETING INTRODUCTION"
     <a href="https://www.ieee802.org/1/files/public/templates/admin-prePAR-intro-0325-v01.pdf">https://www.ieee802.org/1/files/public/templates/admin-prePAR-intro-0325-v01.pdf</a> made available beforehand (as announced in the opening plenary meeting).
  - After any recess, announce that the meeting remains subject to the policies as read and displayed in the opening plenary meeting.
  - At meeting start & after any recess, ask participants to record attendance in IMAT and, if unable to do so, to promptly provide their affiliation to the minute taker.
  - Direct participants to the IEEE SA website for additional details on the
    - IEEE SA Patent Policy (<a href="https://standards.ieee.org/content/ieee-standards/en/about/sasb/patcom/index.html">https://standards.ieee.org/content/ieee-standards/en/about/sasb/patcom/index.html</a>); and
    - IEEE SA Copyright Policy (<a href="https://standards.ieee.org/ipr/index.html">https://standards.ieee.org/ipr/index.html</a>)
    - IEEE Participant behavior (<u>https://standards.ieee.org/wp-content/uploads/import/documents/other/Participant-Behavior-Individual-Method.pdf</u>)

# Plenary Registration Fee

- Attendance at any meeting held during or as part of the November 2025 Plenary Session requires paying the appropriate fee
  - Early Registration Fee
    - \$US 600.00 Until Sept 26, 2025
  - Standard Registration Fee
    - \$US 800.00 After Sept 26, 2025 Until Oct 31, 2025
  - Late/Onsite Registration Fee
    - \$US 1000.00 After Oct 31, 2025
  - 3+ nights at the IEEE 802 Hotel = US \$300 off registration
- Registration details <a href="http://802world.org/plenary/">http://802world.org/plenary/</a>

## Fee waivers

- Fee waivers may be granted in advance, exceptionally
  - By WG chair for remote participation of a meeting
  - By LMSC for in-person participation or multiple meetings

### - WG

- Jordon Woods editor of IEC/IEEE 60802, for 60802 meeting and report to the 802.1 plenary
- Mick Seaman Security TG meeting and closing plenary
- Balazs Varga TSN TG for 802.1CBec meeting
- Richard Tse TSN TG for 802.1ASed meeting
- Mark Hantel 60802 meeting and Maintenance TG meeting

# Food Logistics

- Daily breaks available in the foyers on 2<sup>nd</sup>, 3<sup>rd</sup> and 7<sup>th</sup> floors
  - AM Coffee & Break 9:50 –
     10:35
  - PM Break 15:15 16:00
- Lunch available in Goji
   Restaurant on lobby level
  - Lunch 12:00 13:30

See more logistics info



### Wednesday Nov 12, 2025

- 9<sup>th</sup> floor garden
- 18:30-20:30
- Thai street food, bar and music
- Tickets available for <u>purchase</u> on Registration site

## **General Information**

- Meeting contributions
  - http://ieee802.org/1/filenaming.html
  - Please upload 24 hours BEFORE presentation
- Minutes
  - https://1.ieee802.org/category/wg-minutes/
  - https://listserv.ieee.org/cgi-bin/wa?
     A1=ind21&L=STDS-802-1-MINUTES&O=A&H=0&D=0&T=1
     (sorted by chair/secretary)
- Schedule for all WGs
  - All 802.1 <a href="https://1.ieee802.org/wg-calendar/">https://1.ieee802.org/wg-calendar/</a>
  - All 802 http://www.ieee802.org/802tele\_calendar.html
- Website
  - http://ieee802.org/1/

# Officers and Leadership

- Chair: Glenn Parsons
- Vice-Chair & Recording Secretary: Jessy Rouyer
  - Executive Secretary: Stephan Kehrer
  - Liaison Secretary: Karen Randall
- Maintenance TG Chair: Mark Hantel
- Security TG Chair: Mick Seaman
  - Security TG Vice-Chair: Karen Randall
- TSN TG Chair: János Farkas
  - TSN TG Vice-Chair: David McCall
  - TSN TG Secretary: Johannes Specht
  - IEC/IEEE 60802 Joint Project Chair: Dieter Pröll
  - IEEE P802.1DP/SAE AS6675 joint project co-Chairs: Abdul Jabbar & János Farkas
  - IEEE P802.1DP/SAE AS6675 joint project Secretary: Nader Zein
- NENDICA Chair: Roger Marks
  - NENDICA vice-chair: Johannes Specht
- YANGsters Chair: Scott Mansfield
  - YANGsters Vice-Chair and Secretary: Stephan Kehrer
- Maintenance of Email exploder: Mark Hantel and Hal Keen
- Maintenance of website: Mark Hantel, Roger Marks, John Messenger

# Editors – current projects

- 802.1Q editor Mick Seaman
  - P802.1Qdq Hiroki Nakano
  - <u>P802.1Qdt</u> Lily Lyu
  - P802.1Qdv vacant
  - <u>P802.1Qdw</u> vacant
  - P802.1Qee Janos Farkas
- 802.1X editor Mick Seaman
  - P802.1X/Cor 1 Scott Mansfield
- 802.1AB editor Paul Bottorff
- 802.1AC editor Jessy Rouyer
  - P802.1ACea Marco Hernandez
- <u>802.1AE editor</u> Mick Seaman
- 802.1AR editor Mick Seaman

- <u>802.1AS editor</u> Silvana Rodrigues
  - P802.1ASds Silvana Rodrigues
  - P802.1ASeb David McCall
  - P802.1ASed Abdul Jabbar
- 802.1AX editor Steve Haddock
  - P802.1AXdz Steve Haddock
- 802.1CB editor Christophe Mangin
  - P802.1CB-2017/Cor 1 Christophe
     Mangin
  - P802.1CBec Lisa Maile
- P802.1DD Martin Mittelberger
- P802.1DP / SAE AS6675 –
   Abdul Jabbar
- P802.1DU Johannes Specht
- <u>IEC/IEEE 60802</u> Jordon Woods

### 802.1 WG Process

- IEEE 802 Working Group Policies and Procedures
- <u>Guidelines</u> available on
  - WG voting membership
  - WG ballots
- "New work" process
  - Previously scheduled in TGs towards the end of session
    - There is limited time for such proposals
    - Does not allow for consensus building
  - Migration towards vetting all new work in Nendica
    - Strong proposals can be directed to the TG/WG to initiate a PAR
    - Proposals needing more consensus can be further developed

## **Affiliation**

- You must declare your affiliation(s) which includes employer(s)
  - Per <u>SASB Bylaws</u> 5.2.1.5 & <u>SASB OpsMan</u> 5.1.2.3
    - Also see <a href="https://standards.ieee.org/faqs/affiliation.html">https://standards.ieee.org/faqs/affiliation.html</a>
  - In meetings
    - In-person (and current plenary session) meeting registration system
    - myProject system for IMAT attendance, ePoll & myBallot
    - Electronic meeting participant list
    - First time you speak in a session
  - When balloting
    - 802.1 ballot email responses for TG & WG ballots
    - myProject system for SA ballot
- Affiliation is reflected
  - At <a href="https://1.ieee802.org/rules/wg-membership/">https://1.ieee802.org/rules/wg-membership/</a>
  - In minutes

# Updating Affiliation and Employer

- Affiliation Sign in\* into myProject, click/tap Menu > Manage Profile & Interests then under:
  - Personal & Professional Info tab: update the Employer field and select Save
  - Interests tab: click/tap the pen icon in the row showing both the C/LAN/MAN/802.1 WG Committee and the Higher Layer LAN Protocols Working Group Group Name then, after confirming your level of interest, select Modify Affiliations, and make any necessary changes before selecting Save and Exit
    - Update any other rows showing for this Committee as needed
- Employer Sign in\* at <u>ieee.org</u>, click/tap your name then Profile, Professional and Education Information, Edit (under Employment information), and make any necessary changes in the Employer field before selecting SAVE

<sup>\*</sup> Free IEEE Account required (please <u>create one</u> only if you do not already have one)

# Electronic ballots (ePolls)

none

- To progress work items outside an 802.1 plenary session, a series of 10-day electronic ballots using ePoll were conducted
  - https://mentor.ieee.org/802.1/polls

# Voting Membership

- Voting membership in 802.1 is a privilege that holds a responsibility to review drafts and vote on WG ballots (including ePolls)
- You must actively request to become a voting member and take on this responsibility
  - Email WG Chair and Recording Secretary
- Ongoing retention of 802.1 voting rights is predicated on active participation
  - Attendance and Working Group ballots (including ePolls)

# Responding to WG ballots

- To retain your voting membership, you must return 2 out of the last 3 WG ballot series (including ePolls).
- When you return your vote on a TG/WG ballot:
  - Do use the correct email list (<u>STDS-802-1-ballot@listserv.ieee.org</u>) and subject line, as specified in the email instructions (viewable on the <u>main 802.1 Email archive</u>).
    - If you do not, the automatic tools will not count your vote.
  - Do not simply "Reply" to the ballot announcement.
- When you lose your voting membership this way, you lose <u>all</u> your qualifying attendance credit.
  - If you want to become a voting member again, you have to notify the WG Chair and Recording Secretary that you wish to become a voting member again.

# The following are 802.1 voting members (54):

Ahmed, Mahin

Arunarthi, Venkat

Assmann, Ralf

Boiger, Christian

Bottorff, Paul

Canchi, Radhakrishna

Chen, Feng

Chen, Lihao

Choudhury, Abhijit

Farkas, Janos

Fedyk, Donald

Garner, Geoffrey

Goto, Fumihide

Haddock, Stephen

Hantel, Mark

Holness, Marc

Hopf, Daniel

Huh, Woojung

Ito, Yoshihiro

Jabbar, Abdul

Karl, Michael

Kehrer, Stephan

Kiessling, Marcel

Lai, Gavin

Lyu, Yunping(Lily)

Mangin, Christophe

Mansfield, Scott

Mater, Olaf

McCall, David

Mittelberger, Martin

Nakano, Hiroki

Nomura, Takumi

Parsons, Glenn

Pearn, Richie

Proell, Dieter

Randall, Karen

Riegel, Maximilian

Rodrigues, Silvana

Rouyer, Jessy

Roy, Rajeev

Sato, Atsushi

Seaman, Michael

Seewald, Maik

Sivakolundu, Ramesh

Specht, Johannes

Stanica, Marius

Turner, Max

Venkatesan, Ganesh

Wang, Tongtong

Wessels, Leon

Winkel, Ludwig

Woods, Jordon

Yamaura, Takahiro

Zein, Nader

The following will <u>become</u> voting members when/if they attend this session:

Regev, Alon

The following could <u>become</u> voting members if they email me and the Recording Secretary indicating their intention to do so and if they attend this session:

Gravel, Mark
Hortig, Phillip
Li, Jeiyu
Meisinger, Andreas
Molina, Isaac
Niess, Adriaan
Peterson, Eric
Traore, Karim
Tse, Richard

The following will <u>lose</u> voting member status for lack of qualifying attendance, unless they attend this session:

Stanica, Marius Garner, Geoffrey The following could <u>lose</u> their voting membership at the end of this plenary session through lack of qualifying WG letter ballot voting:

none

# 802.11 Reciprocal credit

- 802.1 voting members may get credit for attending 802.11 meetings, and vice versa
- 802.1 voting members
   who are also 802.11
   voting members will need
   to indicate in IMAT which
   group they are
   accumulating credit for
   this plenary session.
- 802.1 attendance credit will not be granted for a voting member who attended mostly 802.11 meetings.

# 802.3 Reciprocal credit

- 802.1 voting members may get credit for attending 802.3 meetings, and vice versa
- 802.1 voting members
   who are also 802.3 voting
   members will need to
   indicate in IMAT which
   group they are
   accumulating credit for
   this plenary session.

 802.1 attendance credit will not be granted for a voting member who attended mostly 802.3 meetings.

# January 2026 interim

- Co-locate with IEEE 802.3 WG, hosted by Dell in Austin, TX, USA (proposal slides 6-11)
  - Approved by the WG in March 2025
- Registration fee
  - Early: 925 USD
  - Normal: 1225 USD
  - Late: 1525 USD
  - Discount of 300 USD with 3 night minimum stay at the meeting hotel
- In-person with provisions to support mixed mode
  - Location: Westin Austin at the Domain, Austin, TX, USA
    - Hotel rate: 259 USD/night + tax
- Date
  - Jan 19-22, 2026

# May 2026 interim

- Hosted by Huawei in Munich, Germany (proposal)
  - Approved by the WG by e-Poll in May 2025
- Registration fee
  - Early: 800 USD
  - Standard: 1100 USD
  - Late: 1400 USD
  - 300 USD discount with 3-night minimum stay at the meeting hotel
- In-person with provisions to support mixed mode
  - Location: The Munich Marriott, Munich, Germany
    - Hotel rate: 159 EUR Single/night
- Date
  - May 11-14, 2026

# September 2026 interim

- Possibility to co-locate with the 802.3 WG, hosted by Ethernet Alliance (proposal)
- Registration fee (expected)
  - Early: 925 USD (625 USD)
  - Standard: 1225 USD (925 USD)
  - Late/Onsite: 1525 USD (1225 USD)
  - 300 USD discount with valid hotel confirmation number
- In-person with provisions to support mixed mode
  - Lisbon Marriott, Lisbon, Portugal
- Date
  - Sep 14-17, 2026

# January 2027 interim

- Possibility to co-locate with the 802 Wireless Group
- Registration fee
  - Expected to be in the usual range (\$800/\$1000/\$1200)
- In-person with provisions to support mixed mode
  - Hyatt Regency Irvine, Irvine, California, USA
    - Hotel rate: \$259 USD/night + tax
- Date
  - Jan 11-14, 2027

## Interim sessions

#### January 2026

- Hosted by Dell as in-person session with provisions to support mixed mode
  - Date: Jan 19-22, 2026
  - Location: Austin, TX, USA

#### May 2026

- Hosted by Huawei as in-person session with provisions to support mixed mode
  - Date: May 11-14, 2026
  - Location: Munich, Germany

#### September 2026

- Option to co-locate with IEEE 802.3 WG
  - Date: Sep 14-17, 2026
  - Location: Lisbon, Portugal

#### January 2027

- Option to co-locate with IEEE 802 Wireless Group
  - Date: Jan 11-14, 2027
  - Location: Irvine, CA, USA

# Plenary sessions

- March 8-13, 2026 Vancouver, BC, Canada
  - Hyatt Regency Vancouver
- July 13-18, 2026 Montreal, QC, Canada
  - Le Centre Sheraton Montreal
- Nov 8-13, 2026 Bangkok, Thailand
  - Marriot Marquis Queen's Park
- Mar 14-19, 2027 Singapore (TBC)
  - Grand Copthorne Waterfront, Singapore (TBC)
- Jul 11-16, 2027 Gothenburg, Sweden
  - Gothia Towers
- Nov 14-19, 2027 Oahu, HI, USA
  - Hawaiian Village
- Mar 2028 –TBC
  - ТВС
- Jul 9-14, 2028 Montreal, QC, Canada
  - Le Centre Sheraton Montreal

# Straw Poll - closing

- 1. How many people would like to come back to this venue?
  - Yes –
  - No-
- 2. Did you go to the social?
  - Yes -
  - No-
- 3. If you attended the Social, did you like the social?
  - Yes -
  - No-

# IEEE 802 schedule LMSC/WG/TAG meetings for the plenary

## https://schedule.802world.com/

IEEE 802 Plenary Session, Bangkok Thailand November 9-14, 2025

IEEE 802.1 Working Group ∨

Monday	2025-11-10
--------	------------

08:00-10:00	1 - TSN 60802
	Thai Chakkraphat 1 - 2nd Floor
10:30-12:30	1 - Opening Plenary
	Thai Chakkraphat 1 - 2nd Floor
13:30-15:30	1 - TSN
	Thai Chakkraphat 1 - 2nd Floor
16:00-18:00	1 - Maintenance
	Thai Chakkraphat 1 - 2nd Floor



Meeting logistics for all available on <a href="https://www.ieee802.org/802tele\_calendar.html">https://www.ieee802.org/802tele\_calendar.html</a>

# 802 LMSC – Plenary Session #140

- Fee Waivers granted
- Hibernating working groups were disbanded
- <u>Elections</u> in March 2026 nominations by Jan 22, 2026
- Venues (<u>EC-25-272</u>)
  - Nov 2025 1010 attendees with just over 1/2 in-person not enough for block
  - Finalizing contracts for venues into 2028
- Treasurer (<u>EC-25-271</u>)
  - July plenary had a small loss (\$170k) as planned to reduce reserves (currently at \$1.8M)
     to target (\$1.5M)
  - Forecast for 2026 is small loss (\$170k), but 2027 is significant (\$800k)
  - Fee discussion for 2026/2027 at closing. Wireless increased by \$200
- 802 rules (<u>EC-25-262</u>)
  - attendance in-person to gain voting rights straw poll at closing (<u>EC-25-258</u>)
  - fee waivers, PAR review process
- 802 history ad hoc
  - Donations of material to Charles Babbage Institute

# IEEE SA Staff supporting IEEE 802

#### Jodi Haasz

- Senior Manager, Operational Program Management
- 802 lead, supports 802.1, 802.3 and 802.18

#### Christy Bahn

- Senior Program Manager, Operational Program Management
- supports dot11, dot15, dot19 and, dot24 groups

#### Available for editorial guidance questions via email

#### Catherine Berger

- 802 lead editorial support
- Senior Program and Special Projects Manager, Content Production and Management

## IEEE 802 electronic media

- Only during the IEEE 802 Plenary, every IEEE 802 plenary registered participant will receive an email with credentials to access the IEEE 802 eMedia
  - Instructions are available [EC-25-48]
  - In case of any issues, please contact
     Christy Bahn (<u>c.bahn@ieee.org</u>)

# IEEE 802 program status

- IEEE 802 Solutions Report
  - MyProject release 4.6 September 2025
    - Change "disapprove" to "do not approve"
    - Various editorial and backend improvements
- Get802 Report
  - 802.1 WG 14% of downloads
  - Most popular: 802.1Q, 802.1AS, 802.1AE
- Publication Report

## **Public Review**

- Since July 2015, all eligible projects where a SA ballot is initiated also have a Public Review period initiated simultaneously.
  - https://publicreview.standards.ieee.org
  - For process questions see <u>FAQ</u>
- Status
  - No comments yet
  - No current public review

# 802.1 pre-circulated PARs

- P802.1AEef Amendment -Ascon Cipher
   Suite, <u>PAR</u> and <u>CSD</u>
- P802.1AReg Amendment -Support for the Module-Lattice-Based Digital Signature Algorithm, <u>PAR</u> and <u>CSD</u>
- P802.1CBec Amendment:
   Sequence Recovery Function
   Refinements and Parameter
   Configuration, PAR
   modification and CSD
   modification

#### Normal session process

- Pre-circulation of PARs
  - Oct 6
- Maintenance TG prepares 802.1 comments
  - Nov 11 at 6pm ET
- 802.1 response to other
   WG comments
  - Nov 12 at 6pm ET
- EC approval
  - Nov 14

# Other 802 WG pre-circulated PARs

- P802.3ds Amendment 200 Gb/s per Wavelength Multimode Fibre (MMF) PHYs
  - PAR and CSD
- P802.3dt Amendment Ethernet Metadata Services
  - PAR and CSD
- 802.3du Revision Standard for Ethernet (Revision)
  - PAR
- P802.11bi Amendment Enhanced Service with Privacy Protection
  - PAR modification

## Liaison Resources

- IEEE 802.1 Liaison Page
  - <a href="https://1.ieee802.org/liaisons/">https://1.ieee802.org/liaisons/</a>
  - Liaison Table: <a href="https://1.ieee802.org/liaisons/liaisontable/">https://1.ieee802.org/liaisons/liaisontable/</a>
  - Liaison templates: <a href="https://1.ieee802.org/templates/">https://1.ieee802.org/templates/</a>
    - New template available: <a href="https://www.ieee802.org/1/files/private/templates/admin-liaisontemplate-8021statement-0725.docx">https://www.ieee802.org/1/files/private/templates/admin-liaisontemplate-8021statement-0725.docx</a>
- IEEE 802 SA Liaison List for IEEE 802.1
  - https://ieee-sa.imeetcentral.com/802liaisondb/FrontPage
  - IEEE SA requests review of IEEE 802 Liaison List yearly
  - Currently, IEEE 802.1 coordinates via Liaison Statement with 47 organizations
  - IEEE 802.1 maintains a Liaison Relationship IEC TC57/WG15 (Maik Seewald)
  - IEEE 802 LMSC maintains a Liaison Relationship with IETF and ISO/IEC JTC 1 SC6
- IEEE Draft Sharing page is maintained by IEEE SA
  - Must confirm organizations outside IEEE SA are on the list before sharing any draft standard.

# IEEE 802 Liaison List – Liaison Statement

- ATIS
- AVNU Alliance
- BBF
- CableLabs
- CPRI
- ECMA International
- EtherCAT Technology Group
- ETSI
- GSMA
- IEC International Electrotechnical Commission
- IEC TC 65 SC65C,IEC TC 65SC65C/WG15
- IEEE 1588
- IEEE 1722
- IEEE 1905.1
- IEEE 1914.3

- IOWN
- ISO/TC 204
- ISO/TC22/SC31
- ITU-T JCA
- ITU-T SCV
- ITU-T SG2, SG9, SG11, SG12, SG13, SG15, SG16
- ITU-T TSAG
- JASPAR
- LNI 4.0
- Mplify Alliance (formerly MEF)
- MoCA
- OMA
- OneM2M
- OPC Foundation
- Open Alliance
- Open Connectivity

Forum (formerly UPnP)

- SAE
- TIA
- UEC
- WBA OpenRoaming
- 3GPP RAN2, RAN3, SA2
- 5G Alliance for Connected Industries and Automation (5G-ACIA)
- 5G Automotive Association (5GAA)

# **Incoming Liaisons**

- <u>Liaison LS64</u> from ITU-T SG13 –draft new Rec ITU-T Y.3223: "Fixed, mobile and satellite convergence Multi-access edge computing for IMT-2020 networks and beyond" (referenced attachment is in the private <u>liaison directory</u>) [TSN]
- <u>Liaison LS90</u> from ITU-T SG13 on deterministic networking work in Q6/WP4 of ITU-T SG13 (referenced attachment draft Rec Y.3148 is in the private <u>liaison directory</u>) [TSN]
- <u>Liaison</u> from **UEC** Liaison on Coordination on areas of mutual interest [TSN/NENDICA]
- <u>Liaison</u> from **UEC** Liaison on Congestion Signaling Work in UEC Transport WG [TSN]
- <u>Liaison</u> from JASPAR Proposal of the Detail of Time Sync Automotive Profile [TSN]
- <u>Liaison LS18</u> (updating <u>Liaison LS17</u>) from **ITU-T JCA** Invitation to update the information in the IMT-2020 and beyond roadmap [Maintenance]
- <u>Liaison LS52</u> from **ITU-T SG15** OTNT Standardization Work Plan Issue 36 [Maintenance]
- <u>Liaison LS78</u> from ITU-T SG15 Consented and Agreed Recommendations (with referenced attachments in the private <u>liaison directory</u>) [TSN]
- <u>Liaison LS53</u> from ITU-T SG15 Approval of Technical Report on International Optical Networks towards 2030 and Beyond (ION-2030) [TSN]
- <u>Liaison LS54</u> from ITU-T SG15 on the technical report of use cases and requirements beyond 10Gbps [TSN]
- <u>Liaison LS73</u> from ITU-T SG15 initiation of approval process for draft revised ITU-T G.8020.3 [Maintenance]
- <u>Liaison LS79</u> from ITU-T SG15 LS on IM/DM modelling coordination [TSN, YANGsters]

## IEEE 802.1 Standards activity in SC 6

- FDIS ballots completed
  - IEEE Std 802.1DC (QoS) FDIS approved 22 Aug 2025
  - IEEE Std 802.1Qdj (Config Enhancements for TSN) FDIS approved 28 Aug 2025
- FDIS ballots waiting for ballots to open
  - IEEE Std 802.1Qdx comment responses sent April 2025
  - IEEE Std 802.1ASdm comment responses sent April 2025
  - IEEE Std 802.1ASdn comment responses sent April 2025
  - IEEE Std 802.1Qdy comment responses sent 2 August 2025
  - IEEE Std 802-2024 comment responses sent 2 August 2025
  - IEEE Std 802.1DG passed (no comments) September 2025
- 60-day Committee Internal Ballots in SC 6 open
  - IEEE P802.1AXdz (YANG for Link Agg) motion July 2025: CIB ballot open; closes 22 Dec 2025
- Standards drafts sent in liaison for information (after SA ballot starts)
  - IEEE P802.1AS-Rev motion July 2025; sent D3.4 2 Aug 2025
  - IEEE P802.1ASed motion July 2025; sent D3.1 10 Oct 2025
  - IEEE P802.1CB/Cor1 motion July 2025; sent D2 10 Oct 2025
  - IEEE P802.1DP (TSN Profile for aerospace) motion Nov 2024; waiting on response from IEEE SA on how to proceed
- Standards that are under Systematic Review in ISO/IEC JTC 1
  - IEEE Std 802.1AE (MACsec) closes 2 December 2025

## Status of Previous Outgoing Liaisons

#### Liaisons sent since July 2025 Plenary session:

- Sent liaison statement to UEC
- Sent liaison statement to BBF
- Sent liaison response to ITU-T SG13 on work items related to deterministic networking
- Sent liaison response to ITU-T SG15 on OTNT Stdzn Work Plan Issue 35
- Sent IEC/IEEC 60802 D3.4 to OPC Foundation
- Sent to SC6:
  - Responses to ballot comments received on IEEE Std 802.1Qdy and IEEE Std 802
  - IEEE P802.1AS-2020/Rev, P802.1ASed, and P802.1CB-2017/Cor1 for information
  - IEEE 802.1AXdz for adoption

#### Approved liaisons – still to be completed:

- Approve liaison sending to ISO/IEC JTC1/SC6 for information and for adoption, when published: IEEE Std 802.1DP
  - waiting on guidance from IEEE SA on how to proceed

## **Anticipated Outgoing Liaisons**

- Liaison response to UEC on Congestion Signaling Work in UEC Transport
   WG
- Liaison to IEEE 1588
- Liaison response to ITU-T JCA to update the information in the IMT-2020 and beyond roadmap
- Approve liaison sending drafts to SC6 for information, when SA ballot starts
  - IEEE P802.1Qdq, IEEE P802.1ASds
- Approve liaison sending to SC6 for adoption, when published
  - LEEE Std 802.1AS-Rev, IEEE Std 802.1ASed, IEEE Std 802.1CB/Cor1, IEEE Std 802.1AB-Rev
- Blog post or press release on IEEE Std 802.1DG

## **IETF** coordination

- LMSC IETF SC [EC-25-252] no meeting this plenary
- <u>IAB/IESG/IEEE 802 coordination</u> Oct 3
  - Item 25. Layer 2/Layer 3 Interaction for Time-Sensitive Traffic
    - Status update
  - Item 27. Development of YANG models in the IEEE 802
    - Proposal to pattern match so :/- are synonyms for NetMod at IETF 124
  - Item 33. Capability Discovery
    - LSVR has been <u>rechartered</u> to include <u>discovery</u>.
    - 802.1 <u>liaison</u> and IETF 123 <u>presentation</u> and <u>contribution</u>
    - Authors expected to update L3DL draft to use LLDP
  - PQC
    - EMU and TLS WGs are progressing algorithm addition for EAP
  - Jumbo frames
    - Interest in opening up the discussion again
  - PCE and BESS
    - Use of "VLAN forwarding" does not appear to align with 802.1Q
  - 6man
    - Mapping of bridge multicast to IPv6 multicast

# JTC1/SC6 coordination

- JTC1 SC status (<u>EC-25-233</u>)
  - All current SC6 ballots have passed
  - All WGs are submitting despite IPR issues
- Tuesday 4-6pm

## **ITU Coordination**

- Review of higher level ITU activities relevant to IEEE 802 (<u>EC-25-270</u>)
  - ITU Council
  - ITU-T TSAG
- ITU-T SG15 incorporation by reference in ITU-T Rec G.8020.3 of 802.3 and its amendments
- Hosting ITU-T SG15 in July 2026
  - Joint workshop IEEE 802 / ITU-T SG15
- Wednesday 4-6 pm

# Meetings with other 802 WGs

- <u>802.1 & 802.15</u> (Tues 18:00 19:00)
  - 802.15 bridging
  - Review P802.1ACea amendment
  - Maintenance item #314

## Promotion



- IEEE SA marketing collateral
  - TSN automotive, TSN industrial, TSN aerospace
  - TSN Implementer mark
- Press releases, blog posts, articles
  - DG and DP in Nov, 60802 in March
- Tutorial
  - IEEE Time-Sensitive Networking For New Ethernet Bridging Applications
    - 5-part course now available through ILN
  - TSN webinars
    - 802.1 Sept 16, 2022, TSN toolset Dec 2, 2022, 802.1AS Feb 24, 2023, AVB Jun 9, 2023, Fronthaul Sept 8, 2023, 60802 Apr 6, 2023, Automotive Oct 26, 2023, Aerospace Sept 12, 2024
  - Computer Society webinars
- Industry Events
  - <u>TSN/A</u> Sept 23-24, 2025
  - Ethernet/IP (Automotive) day Oct 15-16, 2025
  - Aerospace TSN summit Sept 9-10, 2025

## TSN/A Conference 2025

https://events.pelemedia.de/tsna-conference

#### LEAD EXHIBITOR

### 802.1 participants



#### **IEEE SA**

IEEE Standards Association (IEEE SA) is a collaborative organization where innovators raise the world's standards for technology, through exploration of emerging technologies, identification of market needs, and creation of standards and solutions.



# 2025 IEEE SA Ethernet & IP Automotive Technology Days

#### 802.1 participants

- Christian Boiger
- János Farkas (<u>slides</u>, <u>video</u>)
- Hideki Goto (<u>slides</u>, <u>video</u>)
- Daniel Hopf
- Yoshihiro Ito
- Takumi Nomura
- Rajeev Roj
- Max Turner (<u>slides</u>, <u>video</u>)



material: <a href="https://standards.ieee.org/events/automotive/presentations-2025">https://standards.ieee.org/events/automotive/presentations-2025</a>

## **Aerospace and Defense TSN Summit**

## https://adtsummit.com

- Purpose: Bring all the stakeholders together to discuss adoption/deployment of TSN aerospace profile on new and existing platforms develop the ecosystem
- Participants from global stakeholders in aerospace and ground vehicles industry users, system integrators, suppliers, test equipment vendors.
- Key Takeaways from presentations:
  - 802.1DP enables a modular open-systems (MOSA) solution for the aerospace & defense industry
  - Aerospace TSN applications (e.g., rotary wing defense platforms) already requiring 802.1DP compliance on current and future platforms
  - US Army Ground Vehicles community has chosen 802.1DP as the profile for current and future platforms. Ground Combat Systems (GCS) common Infrastructure Architecture (GCIA 2.2) requires 802.1DP Synchronous Type 2 Bridges and Synchronous Type 1 End Stations
  - Silicon and IP vendors are committed to providing 802.1DP compliant bridge and end stations
  - Test equipment vendors are committed to supporting 802.1DP functional and conformance testing
  - Aerospace and defense form factor Bridges and End Systems already on the market
  - Aerospace (and defense) industry continues to demonstrate a "no fuss" approach to 802.1DP/TSN adoption.
- see p4 in <a href="https://www.ieee802.org/1/files/public/docs2025/dp-jabbar-profile-status-update-0925-v01.pdf">https://www.ieee802.org/1/files/public/docs2025/dp-jabbar-profile-status-update-0925-v01.pdf</a>

# 802.1 Public Visibility Messaging

#### Coordinating with IEEE 802 Public Visibility Standing Committee

- Chair: Tuncer Baykas
- 802.1 coordinator: vacant
- <u>LinkedIn promotion</u> >5k followers
  - WG status updates, webinars, new work, ...
- IEEE SA web feature for IEEE 802

#### Maintaining web page

- https://1.ieee802.org/visibility/
- tracking topics and status
- Technical webinars with Computer Society

### **IEEE Fellow**



- IEEE Fellow recognizes "unusual distinction" in the profession
  - Nomination by anyone, endorsement (3) by anyone, references (5) from existing IEEE Fellows
- Nomination based on 5 categories
  - Research Engineer/Scientist (RE/S), Technology Innovator (TI),
     Technical Leader (TL), Educator (EDU), and Standards Contributor (STDC)
- Relevance of new "standards contributor"
  - Class of 2024: 13 nominations include STDC contributions
  - Class of 2025: 31 nominations include STDC contributions
- For more information
  - Computer Society <u>summary presentation</u>
  - Technical Activities <u>summary presentation</u>

### **IEEE Awards**

- Emerging Technology Award for the initiation, advancement or progression of a new technology through the IEEE SA open consensus process
- <u>International Award</u> for extraordinary contribution to establishing the IEEE SA as a world-class leader in standardization
- <u>Lifetime Achievement Award</u> for significant technical contributions to a standards committee for their IEEE field of interest
- <u>Standards Committee Award</u> for outstanding contributions to Corporate Standards Development
- <u>Standards Medallion</u> for major contribution to the development of standards
- <u>Corporate Award</u> for the provision of outstanding leadership and contribution to the IEEE SA.
  - IEEE SA nomination deadline 31 July

# Nominate a colleague!

- Computer Society Hans Karlsson
   Standards Award In recognition of outstanding skills and dedication to diplomacy, team facilitation and joint achievement, in the development or promotion of standards in the computer industry
  - Nomination deadline 1 October
- <u>IEEE Charles Proteus Steinmetz</u>
   <u>award</u> For exceptional contributions to the development and/or advancement of standards
  - Nomination deadline 15 January
- <u>IEEE Alexander Graham Bell Award</u> For exceptional contributions to
  communications and network
  sciences and engineering.
  - Nomination deadline 15 January

### WG Chair Awards

Offered to leadership, editors and significant contributors after publication

- IEEE Std 802.DP-2025
  - Editor: Abdul Jabbar
  - Contribution:

**–** ...

- IEEE Std 802.1AXdz-2025
  - Editor: Stephen Haddock
  - Contribution:

• ...

To be completed

### **IEEE SA International Award**



For an extraordinary contribution to establishing the IEEE SA as a world-class leader in standardization.

### Ludwig Winkel

For outstanding contributions to the fields of industrial automation and international standardization over an extraordinary career spanning nearly five decades



# Sanity check – current workload

Project	Short Title	Last Motion	<b>Current Stage</b>	Draft	#Next action	PAR ends
60802 (DA)	TSN Profile for Industrial Automation	RevCom	Approved - Oct	D3.4	FDIS ballot	Dec '26
802.1DP	TSN Profile for Aerospace	RevCom	Published - Nov 7	D3.3		Dec '26
802.1Qdq	Tspec	WG ballot	WG ballot	D1.3	SA Ballot	Dec '27
802.1ASds	Half-duplex support	WG ballot	WG ballot	D1.5	SA Ballot	Dec '26
802.1Qdt	PFC MACsec	TG Ballot	Editor's draft	D0.4	TG Ballot	Dec '26
802.1DU	Cut-through forwarding	TG Ballot	TG Ballot	D0.3	TG Ballot	Dec '27
802.1Qdv	Cyclic Queueing and Forwarding	TG Ballot	TG Ballot	D0.4	TG Ballot	Dec '26
802.1Qdw	Source Flow Control	Nescom	PAR approved		Editor's draft	Dec '26
802.1Q-2022 rev	Bridges and Bridged Networks	TG Ballot	Editor's draft	D1.6	TG Ballot	Dec '27
802.1AS-2020 rev	Timing and Synchronization	WG ballot	TG Ballot	D2.1	RevCom	Dec '27
802.1AXdz	YANG for LAG	RevCom	Published - Oct 17	D2.1	Publication	Dec '28
802.1ACea	802.15.16 convergence	WG Ballot	WG Ballot	D1.3	WG Ballot	Dec '28
802.1CB/cor1	FRER corrigendum	SA ballot	SA ballot	D2.0	RevCom conditional	Dec '28
802.1ASeb	Announce	TG Ballot	PAR approved		Editor's draft	Dec ' 28
802.1ASed	Fault tolerant timing	SA ballot	SA ballot	D3.1	RevCom	Dec ' 28
802.1DD	Resource Allocation Protocol	TG Ballot	Editor's draft	D1.3	TG Ballot	Dec ' 28
802.1AB-2016 rev	LLDP	WG ballot	WG ballot	D1.1	SA Ballot conditional	Dec ' 28
802.1AC-2016 rev	MAC Service	TG Ballot	TG Ballot	D0.3	WG Ballot	Dec ' 28
802.1CBec	FRER configuration	PAR modification	TG ballot	D0.2	NesCom	Dec ' 29
802.1CB-2017 rev	FRER	TG Ballot	TG Ballot	D0.2	TG Ballot	Dec ' 29
802.1Qee	Wireless TE	PAR development	PAR approved		TG Ballot	Dec ' 29
802.1X-2020/Cor1	YANG corrigendum for Port Auth	WG ballot	WG ballot	D1.0	SA Ballot conditional	Dec ' 29
802.1X-2020 rev	Port Authentication	PAR development	PAR approved		TG Ballot	Dec ' 29
802.1AE-2018 rev	MACsec	PAR development	PAR approved		TG Ballot	Dec ' 29
802.1AR-2018 rev	Device ID	PAR development	PAR approved		TG Ballot	Dec ' 29
802.1AEef	Ascon for MACsec		PAR development		NesCom NesCom	
802.1AReg	ML-DSA for Device ID		PAR development		NesCom	

## 802.1Q revisions and amendments

#### 802.1Q-2022

#### incorporating

- IEEE Std 802.1Qcc-2018
- IEEE Std 802.1Qcp-2018
- IEEE Std 802.1Qcy-2019
- IEEE Std 802.1Qcx-2020
- IEEE Std 802.1Qcr-2020

P802.1Qcz P802.1Qcw P802.1Qci

P802.1Qdj

Published

#### P802.1Qdx

Published

P802.1Qdy

Published

#### 802.1Q-2022 rev

- incorporatingP802.1Qcz-2023
- P802.1Qcw-2023
- P802.1Qcj-2023
- P802.1Qdj-2024
- 802.1Qdx-2024
- P802.1Qdy-2025

P802.1Qdq

WG ballot

P802.1Qdv

TG ballot

P802.1Qdt

TG ballot

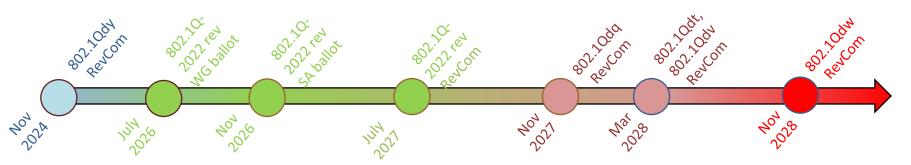
P802.1Qdw

PAR



PARs expire in 2026...

Content locked on Sept 21, 2025
Amendments blocked until approval



### 802.1AS revision and amendments

- 802.1AS-2020
  - -802.1ASdr-2024
  - 802.1ASdn-2024
  - 802.1ASdm-2024



Content locked after approval of 3<sup>rd</sup> amendment Further amendments blocked until revision approval

- 802.1AS-2020 rev
  - P802.1ASds WG ballot
  - P802.1ASed WG ballot
  - P802.1ASeb TG ballot

WG ballot – Nov 2024 SA ballot – July 2025 RevCom – Nov 2025

SA ballot – July 2025 RevCom – Nov 2025

# 802.1 plenary meeting schedule

ICT	ICT	Mor	nday	Tues	sday	Wednesday		Thur	Thursday		ET	CET	JST
Start	End	Nov	v 10	Nov	/ 11	Nov 12		Nov 13		Start	Start	start	Start
08:00	08:30								Nendica		20:00	02:00	10:00
08:30	09:00			Maintanana		Casumitus		Non			20:30	02:30	10:30
09:00	09:30	ISN	00802	Maintenance		Security		Nen	Nendica		21:00	03:00	11:00
09:30	10:00										21:30	03:30	11:30
10:00										19:00	22:00	04:00	12:00
10:30	11:00				TSN		TSN		TSN Maintenance	19:30	22:30	04:30	12:30
11:00	11:30	Ope	ning	т						20:00	23:00	05:00	13:00
11:30	12:00	Plei	nary	'`	314	TON		1314	Waintenance	20:30	23:30	05:30	13:30
12:00										21:00	00:00	06:00	14:00
12:30	13:00									21:30	00:30	06:30	14:30
13:00	13:30									22:00	01:00	07:00	15:00
13:30	14:00									22:30	01:30	07:30	15:30
14:00		15N		TSN		Maintenance		Clo	Closing		02:00	08:00	16:00
14:30	15:00							Plenary		23:30	02:30		16:30
15:00	15:30									00:00	03:00	09:00	17:00
15:30	16:00									00:30	03:30	09:30	17:30
16:00	16:30	Maintenance		VANC	Ssters			Closing		01:00	04:00	10:00	18:00
16:30	17:00			TANC	931013	т.	SN			01:30	04:30	10:30	18:30
17:00	17:30	Mairic	Hance	VANA	YANG SC		ISN		Plenary		05:00	11:00	19:00
17:30	18:00			TAN	G 3C					02:30	05:30		19:30
18:00				902 1/902	2.15 Joint					03:00	06:00		20:00
18:30	19:00			602.17602	2.10 001111					03:30	06:30	12:30	20:30
19:00										04:00	07:00		21:00
19:30				Editor's meeting		Social Event			04:30	07:30	13:30	21:30	
20:00						Social Event				05:00	08:00	14:00	22:00
20:30	21:00									05:30	08:30	14:30	22:30
21:00	21:30									06:00	09:00	15:00	23:00

# 802.1 Leadership meetings

- Every Thursday 11:00 ET
  - Since February 2020 to discuss management of work and plan future sessions
- Additional leadership
  - 12:30 ICT Tuesday Pavillon 1+2 on 4th
  - Prepare PAR responses, LMSC consent agenda for Friday LMSC meeting
- Editors' meetings
  - 1930-2030 ICT Tuesday Pavillon 1+2 on 4th
  - Sharing of best practices by editors

# Subgroup agendas

- joint <u>IEEE 802.1 /802.15</u>
- Maintenance TG
- Security TG
- TSN TG
- <u>Nendica</u> Network Enhancements for the Next Decade Industry Connections Activity
- YANGsters

# Joint 802.1 & 802.15

Topic	Subtopic
1. Meeting introduction	
2. 802.15 update	-
3. <u>P802.1ACea</u>	Review of project draft D1.3 balloting process
4. 802.15 bridging	802.15.4 proposal?
5. 802.15 Physical interface	802.1 Maintenance item 314
7. Next steps	
8. Any other Business	

# Maintenance TG 1/3

#### **Full Agenda**

 https://1.ieee802.org/november-2025-plenary-session-maintenance-tgagenda

Monday Nov 10, 2025 meeting – 16:00-18:00 ICT

#### **Agenda**

- Meeting introduction
- Approval of agenda
- P802.1CB-2017/Cor1 D2.0 SA Comment Resolution
- P802.1AB-2016-REV D1.1 Comment Resolution
- P802.1AC-2016-REV D0.3 Comment Resolution

# Maintenance TG 2/3

Tuesday Nov 11, 2025 meeting – 08:00-10:00 ICT

#### **Agenda**

- Maintenance Project Status
- Liaison Activity Karen Randall
- Review of Maintenance Motions
- Comment Review on 802 PARs Under Consideration
- Review of Outstanding Maintenance Items and next steps
- P802.1AB-2016-REV D1.1 Comment Resolution (If Needed)
- P802.1AC-2016-REV D0.3 Comment Resolution (If Needed)
- P802.1X-2020/Cor1 D1.0 Comment Resolution

# Maintenance TG 3/3

Wednesday Nov 12, 2025 meeting – 13:30-15:30 ICT

#### **Agenda**

- P802.1AC-2016-REV D0.3 Comment Resolution (If Needed)
- P802.1X-2020/Cor1 D1.0 Comment Resolution (If Needed)
- P802.1CB-2016-REV D0.1 Comment Resolution
- Motion Review (If Needed)

Thursday Nov 13, 2025 meeting – 10:30-12:30 ICT

#### **Agenda**

- P802.1CB-2016-REV D0.1 Comment Resolution (If Needed)
- Any Other Business

### Agenda – Security

- 1. Meeting introduction
- 2. Approval of agenda
- P802.1AEef MACsec Ascon Cipher Suite amendment –
   PAR and CSD development (responses to comments received)
- P802.1AReg ML-DSA Signature Suites amendment –
   PAR and CSD development (responses to comments received)
- 5. Future meetings/teleconferences

Sessions (CEST): **Wed. 8.00-10.00 ICT (Bangkok) = Tues. 21.00-23.00** 

Further detail, links etc. on the Security TG Agenda post:

https://1.ieee802.org/november-2025-plenary-session-security-tg-agenda/

# IEEE 802.1 TSN TG Agenda

### IEEE 802 Plenary, November 10-13, 2025

ICT	ICT	Monday	Tuesday	Wednesday	Thursday	PT	ET	CEST	JST
Start	End	Nov 10	Nov 11	Nov 12	Nov 13	Start	Start	Start	Start
8:00	8:30		Maintenance	Security	NENDICA	17:00	20:00	2:00	10:00
8:30	9:00	TSN - IEC/IEEE 60802				17:30	20:30	2:30	10:30
9:00	9:30	brainstorming				18:00	21:00	3:00	11:00
9:30	10:00	5				18:30	21:30	3:30	11:30
10:00	10:30					19:00	22:00	4:00	12:00
10:30	11:00			TSN		19:30	22:30	4:30	12:30
11:00	11:30	Opening	TSN P802.1ASed, P802.1ASds	P802.1CBec PAR, liaisons, SFC, P802.1Qdt	TSN XOR Maintenance	20:00	23:00	5:00	13:00
11:30	12:00	plenary				20:30	23:30	5:30	13:30
12:00	12:30					21:00	0:00	6:00	14:00
12:30	13:00					21:30	0:30	6:30	14:30
13:00	13:30					22:00	1:00	7:00	15:00
13:30	14:00		TSN	Maintenance	Closing plenary	22:30	1:30	7:30	15:30
14:00	14:30	TSN liaisons, motions,	ISN   P802 10dg			23:00	2:00	8:00	16:00
14:30	15:00	10Base-T1S	P802.1CBec	Mannenance		23:30	2:30	8:30	16:30
15:00	15:30		comm. res.			0:00	3:00	9:00	17:00
15:30	16:00					0:30	3:30	9:30	17:30
16:00	16:30		YANGSC	TSN P802.1CBec Seq Rcv Func	Closing plenary	1:00	4:00	10:00	18:00
16:30	17:00	Maintenance				1:30	4:30	10:30	18:30
17:00	17:30					2:00	5:00	11:00	19:00
17:30	18:00		YANG SC			2:30	5:30	11:30	19:30

- TSN TG agenda details are available at: <a href="https://1.ieee802.org/2025-11-plenary-tsn-agenda">https://1.ieee802.org/2025-11-plenary-tsn-agenda</a>
- Note that the TSN TG agenda may change, e.g., depending on progress

### Nendica Meetings since July Plenary

- Meeting alternate Thursdays (09:00-11:00 ET)
- Authorized to add ad hocs if necessary
- 2 meetings since July 2025 802 Plenary

Date	Attendance
2025-09-04	8
2025-09-19	23

### Nendica Activity since March Plenary

- ICCOM received Nendica annual report with no comments
- Study Item: AI Computing Network (AICN)
  - <u>https://1.ieee802.org/nendica-aicn/</u>
  - Initiated 2024-03-14
  - ongoing contribution topics
- Vetting topics
  - None

### Nendica Agenda 2025-11-13

- Wednesday 8-10 AM ICT
  - https://1.ieee802.org/802-nendica-agenda-2025-11-13/
  - Johannes Specht to preside
- AICN Study Item
  - Three contributions
- Request to continue biweekly meetings
- Part of next meeting (Dec 11) to be joint with 802.3 NEA
  - Contribution on "The Requirement of Standardizing Local MAC Header for AI Cluster Network"

# YANGsters Agenda

- First Hour (1600-1700 is IEEE 802.1 YANGsters)
  - Required Meeting Introduction Information
  - Introduction to YANGsters
    - https://1.ieee802.org/yangsters/
    - https://1.ieee802.org/yangsters/yangsters-guidelines/yangsters-faq/
  - YANG Project Status
    - YANGSanity Sheet and YangModels/Yang github status
  - YANG SC and YANG 802.3 Open Source Ad Hoc Update
  - YANG Guidelines Documentation
  - Instance Examples (LAG)
  - Liaisons (if any)
  - Next meeting series discussion
  - Any Other Business
- Second Hour (1700-1800 is IEEE 802 YANG SC)
  - https://mentor.ieee.org/802-ec/dcn/25/ec-25-0250-00-YANG-yang-sc-agenda-2025-nov-plenary.pptx

# YANG Status (28 October 2025)

ShortName	Name	github status	Draft Ver	YANG Status	Notes
802.1AB-2016	LLDP	current	D1.1	checked	
802.1AS-2020 rev	Timing and Synchronization	current	D2.1	checked	
802.1ASds	Support for the IEEE Std 802.3 Clause 4 Media Access Control (MAC) operating in half-duplex	current	D1.5	checked	
802.1AXdz	YANG for LAG	current	D2.1	checked	
802.1ASed	Fault-Tolerant Timing with Time Integrity	current	D3.2	checked	
802.1CB-cor1	FRER	current	D2.0	checked	D2.0, no changes
802.1Q-2022rev	Q-rev	current	D1.6	checked	
802.1DD	Resource Allocation Protocol	current	D1.3	checked	lint warnings (description statements needed) D1.0 and D1.1, D1.2, and D1.3, yang is the same
802.1X-2020- Cor1	X Corrigendum1	current	D1.0	checked	
IEC/IEEE 60802	Industrial Automation	current	D3.4	checked	
rev 2025-10-28					

Updates: https://1.ieee802.org/yang-sanity/

### Any Other Business?