ETHERNET ALLIANCE
SPE 10BASE-T1L PLUG FEST
CALL FOR INTEREST PUBLIC MEETING

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SPE SC 12Oct2023 Version 4.0
Foreword

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The members of the Corporation ("Members") are individually and collectively committed to open competition in the development of products, technology, and services, and the Members are not restricted in any way from designing, developing, marketing, and/or procuring hardware, software, systems, technology, or services. Any Ethernet Alliance position approved by its membership that is related to the development, in another organization, of a standard, specification, implementers agreement, etc. outside of the Ethernet Alliance, shall not be deemed as direction to or an obligation upon any Member company in that entity-based organization, or individual, who is employed by or affiliated with a Member company, in that individual-based organization.
Our Mission and Priorities

We are a global community of system vendors, component suppliers and academia

- **Our Mission**
  - Promote technologies and products based on existing and emerging IEEE 802 Ethernet standards
  - Accelerate industry adoption
  - Demonstrate multi-vendor interoperability

- **Our Priorities**
  - Resources Interoperability
  - Marketing Awareness & Education

The Voice of Ethernet
Our Investment in Multi-vendor Interoperability

Plugfests
Multi-vendor Interoperability Demonstrations @ Trade Shows
PoE Certification Program
Welcome

Thank you for joining us today. You’re here because you have an interest in Single Pair Ethernet (SPE). You may produce or plan to produce 10BASE-T1L-based product. This Plug Fest is open to 10BASE-T1L based devices
• Data only
• Power and Data

Today we’ll present details and hopefully encourage your participation in our SPE Plug Fest.

Note: this plug fest is open to all, including Ethernet Alliance member companies and non-member companies.
About UL Solutions

Driven by U.S. FDA* participation, our software platform as delivered a **half billion+** compliance trainings across healthcare and life sciences industries in 130+ countries.

We work with **68% of Fortune 500, 63% of Global 500** and more than **80,000** different companies.

We sit on **1,300+** standards panels and other technical committees.

UL Solutions ranks **No. 1** globally on brand strength out of 11 global TIC and adjacent category brands per 2,124 decision-makers across 13 countries.**

**2 million+** professionals use our sustainability and supply chain software to report and manage ESG data.

UL Marks appear on **billions** of products globally.

Our sustainability certifications are referenced in **1,000+ sustainable product specifications** or purchasing guidelines around the world.

Our diverse customers are based in **100+ countries**.

Our mission-driven employees are based in **40+ countries**.

Data review per February 2023.

*Food and Drug Administration

**Data from Prescient brand study 2022.
About Telebyte

• Telebyte has been in business 40+ years and is headquartered in New York, USA
• We have a wide, international customer base
• We offer physical layer test solutions for 10BASE-T1L and Ethernet-APL applications
• Our Products are Multipurpose
  o Test During Product Development
  o Conformance & Interoperability Testing (Power & Data)
  o Simulate Real-World Environments in the Lab

• Our Fully Integrated & Economic Approach to Testing has Several Benefits
  o Standards Based
  o Supports PSE Source and/or PD Loads
  o Easy to Use
  o Fully Automated
  o High Throughput
  o Saves Time
  o Repeatable Test Results
All Plug Fests Have Two Main Goals

Determine Conformance

Confirm Interoperability
Who Can Participate in the SPE Plug Fest?

This SPE Plug Fest is open to all, including Ethernet Alliance members and non-member companies.
Plug Fest Host Location

Plug Fest Location
Underwriters Laboratories
12 Laboratory Dr.
Research Triangle Park, NC 27709

Plug Fest Date:
26-27 Mar 2024
8:00am to 5:00pm EST
UL RTP Campus Photos

2 Large Meeting rooms
w/flexible workstation configurations

Hot/Cold bar and dining area
Smaller private adjacent meeting rooms available for specific testing and/or private conversations

Common adjacent areas with Wi-Fi and flexible seating for constructive discussions or catching up on those important emails or phone calls
# Plug Fest Timeline

**NOTE: Timescale is 2-week increments**

<table>
<thead>
<tr>
<th>Activity</th>
<th>2023 SPE SC Meeting Cycles</th>
<th>2024 SPE SC Meeting Cycles</th>
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<tbody>
<tr>
<td></td>
<td>6-Nov 20-Nov 4-Dec 18-Dec</td>
<td>1-Jan 15-Jan 29-Jan 12-Feb 26-Feb 11-Mar 25-Mar 8-Apr 22-Apr 6-May 20-May 3-Jun</td>
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<tr>
<td>Planning Meeting(s) for CFI Call</td>
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<td>Deck for CFI Call</td>
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<tr>
<td>E-mail campaign &amp; website announcements</td>
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<td>CFI Call</td>
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<tr>
<td>Post CFI Call - participant decision period - 60 to 90 days</td>
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<td>&lt; 90 days</td>
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<tr>
<td>Participants identified</td>
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<tr>
<td>Execute participant NDAs</td>
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<tr>
<td>Plug Fest NDA Meeting #1</td>
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<td>Plug Fest NDA Meeting #2</td>
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<td>Plug Fest NDA Meeting #3</td>
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<tr>
<td>Shipments to test site</td>
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<td>Plug Fest Event</td>
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<td>Web &amp; Social Media Promotion</td>
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<td>Social media and website promotion throughout</td>
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**Coincident Events**

- IEEE 802.3 Interim Meeting - Sao Paulo
- TIA TR42 Plenary - Tulsa, OK
- ISO/IEC JTC1 SC25 Meeting - Berlin
- ODVA Annual Meeting - Barcelona
- Rockwell Automation Fair / Cisco Partner Summit
- IEEE 802 Plenary - Oahu
- IEEE 802.3 Interim Meeting - St. Petersburg, FL
- TIA TR42 Plenary - TBD
- IEEE 802 Plenary - Denver
- IEEE 802.3 Interim Meeting - location TBD
- TIA TR42 Plenary - location TBD

*Target*
Important Next Steps

Indicate your interest in participating by 20Nov2023
  • Plug fests need sufficient participants to generate valid results
  • Please go to the Plug Fest registration page <link>

Complete the provided NDA (Non-Disclosure Agreement)
  • All plug fest participants are bound by this NDA

Attend plug fest planning meetings
  • Some will be under NDA, some will be non-NDA meetings

Get your 10BASE-T1L/SPoE products ready for the plug fest
  • Put your best foot forward …
Plug Fest Participation Fee

All Plug Fest participants are charged a participation fee
  • This event has a very attractive participation fee

Non-Member Participation Fee is $500 per company
  • Ethernet Alliance will credit $250 of the participation fee to any company that joins the Ethernet Alliance within 90 days of the event

Ethernet Alliance Members Participation Fee is $350 per company
  • Ethernet Alliance members may use event credits to meet this fee
SPE Plug Fest Summary

Plug Fest Call for Interest
  • Lock in your spot!! Please respond to this CFI on or by 22Nov2023

Plug Fest Target Dates are 26-27Mar2024
  • Plug Fest hours are 8am to 5pm Eastern time on both days

Plug Fest location is UL in Research Triangle Park
  • Lunch and snacks will be provided at the UL facility

Non-disclosure agreements are required for all participants
  • Participant NDAs executed and in place 08Jan2024

Participation Fees
  • Non-Members at $500 per company
  • Ethernet Alliance Members at $350 per company
How to Get Involved

Contact the Ethernet Alliance

• Link to Plug Fest Registration page – this link leads to the CFI registration page, but we can make a fresh one for the plug fest
• Or send an email to admin@ethernetalliance.org

Attend the plug fest planning meetings

• Remember, some will be open, others require a non-disclosure agreement

Check Ethernet Alliance website and social media outlets for updates

• Twitter (X) @EthernetAlliance
• Facebook https://www.facebook.com/EthernetAlliance/
• LinkedIn https://www.linkedin.com/company/ethernet-alliance/
If you have any questions or comments, please email admin@ethernetalliance.org

@ethernetalliance
@EthernetAllianc
Ethernet Alliance
#voiceofethernet