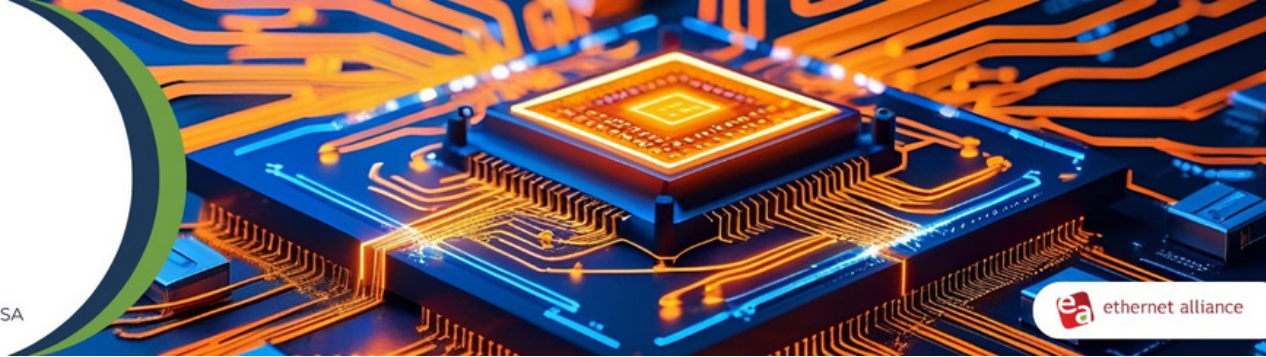




TEF 2025: Ethernet for AI

December 2-3, 2025

Hyatt Centric | Mountain View, CA

Call for Presentations

Presented by the Ethernet Alliance

Join the Ethernet Alliance and industry stakeholders for the next installment in the ongoing exploration of the future of Ethernet and its implementations. Topics will include increased bandwidth, faster signaling, power delivery challenges, advanced packaging technologies, next-generation test equipment and methodologies, new approaches to cooling, and more. The generation of AI networking based on 400Gb/s signaling is likely to diverge significantly from today's architectures.

The **Technology Exploration Forum** is a unique opportunity for individuals to present and share their ideas with members of the Ethernet community interested in **exploring the future of Ethernet**.

Potential topics for discussion and presentations include but are not limited to:

- Overview of AI Networks
- AI Network Topology Architectures
- The Need for 3.2Tb/s Ethernet
- The Consequences of the Physical Layer on the AI Network Stack
- Future Requirements of Network Equipment Targeting AI Use Cases
- Future Requirements of Compute Equipment Targeting AI Use Cases
- AI Networks Market Forecast
- Advanced Electrical Approaches for 400Gb/s Signaling
- Developments in Copper Interconnect/Packaging Targeting 400Gb/s
- FEC/Coding Approaches
- Advanced Optical Approaches Targeting 400Gb/s Signaling
- Developments in Optical Interconnect/Packaging Targeting 400Gb/s
- Latency requirements of AI Networks
- Power & Cooling Considerations
- Testing & Methodologies Ethernet Metadata

Call for Presentations

The Technology Exploration Forum is open to the Ethernet community. Please submit the following information for your proposal for a panel or presentation:

- Title
- Abstract
- Short biography of the presenter
- Contact information (job title, address, telephone, email)

Proposals for product overviews will not be accepted.

All proposals should be emailed to TEF@ethernetalliance.org no later than **August 29, 2025**.

Acceptance notifications will be provided on **October 9, 2025**. Panels based on complementary proposals may be organized.

Sponsorship Opportunities

Does your company want to sponsor one of the most technically significant Ethernet events of 2025?

The Ethernet Alliance is offering multiple sponsorship opportunities for organizations seeking to contribute to and engage with the community shaping next-generation Ethernet for AI.

View [sponsorship opportunities](#) or contact morgan@ethernetalliance.org to for details.



Image from TEF 2024: Ethernet in the Age of AI



Scan for more information