ethernet alliance

18 July 2024

To: David Law, Chair, IEEE 802.3 Ethernet Working Group
            Members of IEEE 802.3 Ethernet Working Group

From: Peter Jones, Chairman, Ethernet Alliance

Subject: Ethernet Alliance Technology Exploration Forum, Ethernet in the Age of AI
            22 – 23 October 2024

Dear Mr. Law and Members of IEEE 802.3 Ethernet Working Group
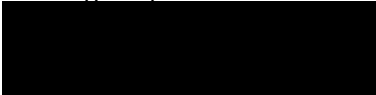
The high-performance demands of networking needed to support AI/ML will compel Ethernet to adapt and develop at an accelerated pace. While the IEEE 802.3 Ethernet Working Group is currently defining 200Gb/s electrical and optical signaling for its next generation multi-vendor interoperable environment for 200GbE to 1.6TbE, there are calls to begin exploration of 400Gb/s per lane electrical and optical signaling to support the AI networks of the future.

To facilitate an open industry discussion on this topic the Ethernet Alliance will hold a Technology Exploration Forum, entitled "Ethernet in the Age of AI." The event will be held 22 – 23 October 2024 at the Santa Clara Convention Center in Santa Clara, CA, USA. Please note that the event is open and does not require Ethernet Alliance membership.

Further information regarding the event and the Call for Presentations may be found at https://ethernetalliance.org/tef-2024-ethernet-in-the-age-of-ai/.

We look forward to this gathering of the Ethernet community, including members of the IEEE 802.3 Ethernet Working Group, to discuss this important topic,

Regards,

Peter Jones
Chairman, Ethernet Alliance