

IEEE 802.3 Ethernet Working Group
Liaison Communication

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Subject: 2nd IEEE 802.3 NEA E4AI "Fiber for AI Workshop", 9 February 2027

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¹ This document solely represents the views of the IEEE 802.3 Working Group and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.

Dear Colleagues,

The IEEE 802.3 Industry Connections New Ethernet Applications (NEA) Ad Hoc “Ethernet for AI” Assessment (E4AI) is planning a follow-up meeting to the “Fiber for AI” Workshop <https://www.ieee802.org/3/ad_hoc/E4AI/public/26_0224/index.html> that was held earlier this year.

The forum will be conducted as an electronic meeting on 9 February 2027 and will focus on fibre suitable for 400 Gb/s or greater transmission. IEEE 802.3 will continue exploring fibre-related developments with regard to AI that could be important to the IEEE 802.3 community, such as multicore fibre (MCF), hollow-core fibre (HCF), high-density fibre interconnect, and next-generation multimode fibre (MMF).

Additionally, as a reminder, the IEEE 802.3 NEA “E4AI” activity will host the “Next Generation Fiber Optic Connector” Workshop on 3 December 2026. Please note that this workshop will be limited to presentations and contributions submitted by Standards Development Organisations (SDOs) and industry organisations.

Further details regarding both electronic events may be found at <https://www.ieee802.org/3/ad_hoc/E4AI/public/index.html>. Please note that both workshops are open to all for participation and do not require any registration or registration fees.

IEEE 802.3 would like to extend an invitation to your organisation and its members to join the IEEE 802.3 community in its exploration of fibre to enable 400 Gb/s signalling and beyond. Interested individuals are encouraged to sign up for the IEEE 802.3 E4AI Reflector. To subscribe to the IEEE 802.3 NEA “Ethernet for AI” assessment, please see <https://www.ieee802.org/3/ad_hoc/E4AI/reflector.html>.

Sincerely,
David Law
Chair, IEEE 802.3 Ethernet Working Group