

# IEEE 802.3 New Ethernet Applications (NEA) Ad Hoc Opening Report

Jon Lewis  
Dell Technologies  
Atlanta, GA, USA  
March 10, 2025

# IEEE 802.3 NEA Ad hoc

---

- Ad hoc Organization

  - Jon Lewis, IEEE 802.3 NEA Ad Hoc Chair

  - John D'Ambrosia, IEEE 802.3 NEA Ad Hoc Vice-Chair

- Ad hoc Web and Reflector Information

  - Home Page - [http://www.ieee802.org/3/ad\\_hoc/ngrates/index.html](http://www.ieee802.org/3/ad_hoc/ngrates/index.html)

  - Reflector Information – [http://www.ieee802.org/3/ad\\_hoc/ngrates/reflector.html](http://www.ieee802.org/3/ad_hoc/ngrates/reflector.html)

  - Approved ICAID – [http://www.ieee802.org/3/ad\\_hoc/ngrates/IC15-005-802d3\\_NEA\\_ICAID\\_approved\\_051218.pdf](http://www.ieee802.org/3/ad_hoc/ngrates/IC15-005-802d3_NEA_ICAID_approved_051218.pdf)

  - NEA Ad hoc Calls - [https://www.ieee802.org/3/ad\\_hoc/ngrates/public/calls/index.html](https://www.ieee802.org/3/ad_hoc/ngrates/public/calls/index.html)

# “Ethernet for AI” Assessment

An assessment of "Ethernet Interconnect for AI" with an emphasis on beyond 200 Gb/s signaling.

---

Activity Chair – John D’Ambrosia

Website - [https://www.ieee802.org/3/ad\\_hoc/E4AI/index.html](https://www.ieee802.org/3/ad_hoc/E4AI/index.html)

Reflector - [https://www.ieee802.org/3/ad\\_hoc/E4AI/reflector.html](https://www.ieee802.org/3/ad_hoc/E4AI/reflector.html)

Jan 2025 Interim – Assessment Kickoff

Introduction - [https://www.ieee802.org/3/ad\\_hoc/ngrates/public/25\\_01/dambrosia\\_nea\\_01\\_2501.pdf](https://www.ieee802.org/3/ad_hoc/ngrates/public/25_01/dambrosia_nea_01_2501.pdf)

65 Attendees

27 Feb 2025 Electronic Meeting

[https://www.ieee802.org/3/ad\\_hoc/E4AI/public/25\\_0227/index.html](https://www.ieee802.org/3/ad_hoc/E4AI/public/25_0227/index.html)

≈ 150 Attendees

Three Presentations

Techniques for extending the MAC and Physical Layer with new services

400 Gbps Optical Transmission Simulations

Going Forward

# Activities since November Plenary Meeting

---

Only E4AI activity has met since last update

# This Week

---

- [IEEE 802.3 Call and Meeting Calendar](#)
- Not meeting this week.
- E4AI will meet 20 Mar 2025, 10:00am to 11:00am ET

# Questions?

# Thank you!