

45 YEARS LATER, ETHERNET IS STILL THE TECHNOLOGY TO BEAT

Ethernet Alliance-hosted IEEE 802 Interim meeting fetes world's most ubiquitous networking technology as it enters new era of pace-setting innovation

BEAVERTON, OR, JUNE 05, 2018 – The [Ethernet Alliance](#), a global consortium dedicated to the continued success and advancement of Ethernet technologies, today reported it successfully hosted its seventh consecutive [IEEE 802.3™ Interim Meeting](#) during the week of May 21 – 25, 2018 in Pittsburgh, PA, USA. The meeting demonstrated that after 45 years of disruptive innovation, Ethernet, the world's most popular networking technology, remains poised to break new ground again, particularly in the rapidly diversifying application space.

“We’re almost five decades in, and Ethernet is still the technology to beat – a claim not many other technologies can make. As highlighted in our [2018 Ethernet Roadmap](#), the expanding application horizon, including building automation, data center, enterprise, and automotive, is the catalyst driving Ethernet’s development across the full rate of operation spectrum,” said John D’Ambrosia, chairman, Ethernet Alliance. “Hosting the IEEE 802.3 Interim Meeting for the seventh year in a row dovetails with our efforts to foster industry consensus building. This was an exciting, productive event, and we’re pleased to have served as host once again.”

While in Pittsburgh, the Ethernet community addressed a variety of project areas, including multiple physical layer specifications for Ethernet speeds ranging from 10 megabits per second (Mb/s) to 400 gigabits per second (Gb/s); Power over Ethernet (PoE) advancements; YANG data models for efficient Ethernet network management; and the next generation of Ethernet Passive Optical Network (EPON) Physical Layer (PHY). Joined by IEEE 802.1 participants, sessions encompassing emerging application spaces like in-vehicle networking and industrial automation, and new efforts to define bidirectional 10 Gb/s and 25 Gb/s optical access links were also conducted. Additionally, two new task forces were launched during the meeting:

- IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces Task Force – specifying electrical interfaces based on 100 Gb/s signaling
- IEEE P802.3cm 400 Gb/s over Multimode Fiber Task Force – defining lower-cost higher data rate and density optical solutions

Concurrent to the IEEE 802.3 Interim Meeting, the Ethernet Alliance held its annual Members Meeting. During the meeting, members elected and installed the following officers and Board of Directors for 2018:

- John D'Ambrosia, Sr. Principal Engineer, IP Standards Team, Huawei Technologies Co. Ltd.; Chairman and Board of Directors
- Greg McSorley, Technical Business Development Manager, Amphenol Corporation; President and Board of Directors
- Mark Nowell, Director of Engineering, Cisco Systems, Inc.; Vice President and Board of Directors
- Craig Carlson, Senior Technologist, QLogic Corporation; Treasurer and Board of Directors
- David Chalupsky, Network Product Architect, Intel Corporation; Board of Directors
- Jeff Maki, Distinguished Engineer II, Juniper Networks, Inc.; Board of Directors
- David J. Rodgers, Senior Program Manager, Teledyne LeCroy; Board of Directors
- Rob Stone, Technical Director, Broadcom Corporation; Board of Directors

Ethernet Alliance Members also confirmed Mr. Rodgers as the group's Marketing Chair, and George Zimmerman, Principal, CME Consulting, as Technical Chair. The organization also held a reception in honor of Ethernet's 45th Anniversary on Tuesday, May 22, 2018.

For more information about the Ethernet Alliance, please visit <http://www.ethernetalliance.org>, follow [@EthernetAllianc](#) on Twitter, visit its [Facebook](#) page, or join its [LinkedIn](#) group.

About the Ethernet Alliance

The Ethernet Alliance is a global consortium that includes system and component vendors, industry experts, and university and government professionals who are committed to the continued success and expansion of Ethernet technology. The Ethernet Alliance takes Ethernet standards to market by supporting activities that span from incubation of new Ethernet technologies to interoperability demonstrations and education.

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