**Exploring Diverse Perspectives and Requirements for Next Ethernet Rate,
TEF 2021 Presentations Available for Download from Ethernet Alliance**

BEAVERTON, OR, FEBRUARY 3, 2021 – The Ethernet Alliance, a global consortium dedicated to the continued success and advancement of Ethernet technologies, today published presentations from the Jan. 25-29 Technology Exploration Forum (TEF) for on-demand access at no charge. The virtual TEF 2021: The Road Ahead industry event focused on the evolving application requirements, the available technologies and the deployment constraints influencing selection of the next Ethernet rate (or rates). Nearly 500 unique attendees watched the event live, with many attending all five days. To access replays of the keynotes and panel discussions, please visit TEF 2021: The Road Ahead.

"Choosing the next Ethernet rate is hard, but we have the world's best people working on it," said Peter Jones, chair, Ethernet Alliance. "Our first virtual TEF event brought together industry experts and stakeholders to consider the needs, technologies and challenges for the next generation of higher-rate Ethernet. We heard broad perspectives and animated discussion covering the latest industry trends, opportunities and problems to solve, and it's evident that this is not a case where one size fits all. As the 'Voice of Ethernet,' the Ethernet Alliance welcomes the opportunity to contribute to the continual evolution of Ethernet and believes the interactions resulting from the TEF will help move the industry forward."

Key stakeholders from both Ethernet end users and manufacturers delivered TEF 2021 presentations addressing the varied, interrelated activities and issues in play for the drive toward the next Ethernet rate:

Keynotes
- IEEE 802.3 Study Group on Beyond 400G - John D'Ambrosia, study-group chair
- Looking Beyond 400G – A System Vendor Perspective - Rakesh Chopra, Cisco Systems

Panel discussion – Market Need – The Next Rate
Moderated by Peter Jones, Cisco Systems and Ethernet Alliance chair
- Market Drivers for Next Generation Ethernet Speed - Sameh Boujelbene, Dell'Oro
- What Comes After 400GbE - David Ofelt, Juniper Networks
- Diverging Needs of Enterprise and Cloud Customers - Vlad Kozlov, LightCounting

Panel discussion – New Applications Driving Higher Bandwidths
Moderated by Nathan Tracy, TE Connectivity and Ethernet Alliance board member
- Paradigm Shift in Network Topologies - Brad Booth, Microsoft
- OIF Considerations for Beyond 400ZR - Tad Hofmeister, Google
- Co-Package Optics for Datacenters - Rob Stone, Facebook

Panel discussion – Beyond 100G Electrical

Moderated by Chris Lyon, Amphenol and Ethernet Alliance president

- Electrical Interfaces beyond 100G - Cathy Liu, Broadcom
- Electrical Future Work - Nathan Tracy, TE Connectivity and Ethernet Alliance board member
- 224G Dual Duplex Signaling over Single Lane Copper Links - Ramin Farjad, Marvell
- OIF Common Electrical I/O 224G Project Overview - Dave Stauffer, OIF representative

Panel discussion – Next Generation Optical Interfaces

Moderated by Mark Nowell, Cisco Systems and Ethernet Alliance advisory-board chair

- Scaling Bandwidth with Optical Integration - Scott Schube, Intel
- Scaling Architecture for Next Gen Optical Links - Matt Traverso, Cisco Systems
- Performance Photonics Enabling Next Generation Interfaces - David Lewis, Lumentum
- Observations on the Rate of Beyond 400GbE, 800GbE and/or 1.6TbE - Xinyuan Wang, Huawei

Panel discussion – Test & Measurement: Planning for Performance

Moderated by David J. Rodgers, Teledyne LeCroy and Ethernet Alliance events chair

- Validation Methods for Emerging 106Gbps Electrical and Optical Specifications Relating to IEEE P802.3cu/P802.3ck - John Calvin, Keysight Technologies
- Recommended Design Practices for the Next Generation Ethernet Rate - Steve Rumsby, Spirent
- Full Compliance Validation of Next-Gen Transceivers - Francois Robitaille, EXFO

AEM, Keysight Technologies, Teledyne LeCroy and Xena Networks sponsored TEF 2021.

For more information about the Ethernet Alliance, please visit http://www.ethernetalliance.org, follow @EthernetAllianc on Twitter, visit its Facebook page, or follow its LinkedIn company page.

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. The organization's plans for 2021 may be found on the Events page of its website.

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