



IEEE 802.3 NG-ECDC Ethernet Ad hoc Opening Report

Industry Connection Activity

John D'Ambrosia,

Futurewei, Subsidiary of Huawei

July 25, 2016

IEEE 802 Plenary, San Diego, CA, USA

IEEE 802.3 NG-ECDC Ad Hoc Information

- John D'Ambrosia, IEEE 802.3 NG-ECDC Ad Hoc Acting Chair
- Home Page - http://www.ieee802.org/3/ad_hoc/ngrates/index.html
- Reflector Information – http://www.ieee802.org/3/ad_hoc/ngrates/reflector.html
- Approved ICAID – https://standards.ieee.org/about/sasb/iccom/IC15-005-01_NextGen_Enterprise_DataCenter_Campus_Ethernet.pdf

Activities Since Nov 15 Plenary

- May Interim – Thanks to Ethernet Alliance
 - Two Sessions
 - 400 GbE Extended Reach [Optcis] – Consensus Building / Discussion White Paper
 - 10Mb/s Extended Reach Single Twisted Pair Ethernet PHY – CFI Preparations
 - 45 Attendees over 2 sessions
- 10 Mb/s Extended Reach Single Twisted Pair Ethernet PHY Teleconferences (6/16, 6/30/ 7/14)
 - http://www.ieee802.org/3/ad_hoc/ngrates/public/calls/index.html

Plans for Week

- Two sessions
 - Session #1 – Next Generation Automotive
 - Session to be chaired Steve Carlson
 - Monday, Jul 25, 8am to 10am
 - Presentation – Steve Carlson, High Speed Design / Robert Bosch GmbH
 - Session #2 – Extended Reach 400GbE Optics PMDs
 - Tuesday, July 26, 7:30pm to 9:30pm
 - Extended Reach for 50/200/400GbE – Winyuan Wang, Huawei
 - Approaches for inter-building connection with 400Gbps link – Yoshiaki Sone, NTT
 - 400GE Extended Reach – A look at Broad Market Potential , Tom McDermott, Fujitsu Network Communications
 - 400GE requirement forecast, Lu Huang / Weiqiang Cheng, China Mobile
 - 200GE&400GE application considerations in metro transport aggregation layer network, Wenyu Zhao, CAICT
- “10Mb/s Extended Reach Single Twisted Pair Ethernet PHY “ CFI – Tuesday (7/26) 6:30pm to 7:30pm



Thank you!