IEEE 802.3
Call for Interest
Automotive Ethernet: Beyond 10 Gb/s Electrical PHYs
Closing Report

Steve Carlson

High Speed Design, Inc.

Robert Bosch GmbH/Marvell

Vancouver BC, Canada

March 14,2019

Consensus Building Presentation

Met Tuesday, March 12 – 6:30 – 7:30PM

Chair & Presenter

- Steve Carlson (High Speed Design)

Expert Panel for the Q&A Session

- Christopher Mash (Marvell)
- Christoph Wechsler (Audi)
- Helge Zinner (Continental)
- Olaf Grau (Bosch)
- Natalie Wienckowski (GM)

120 individuals attended the CFI consensus building presentation

Supporters

OEM affiliated

Olaf Krieger – Volkswagen
Samuel Sigfridsson – Volvo Cars
Jose Villanueva – Renault
Kirsten Matheus – BMW
Jinhwa Jun – Hyundai Motor Company
Syreeta Bath – Jaguar Land Rover
Hideki Goto – Toyota
Yong Kim – NIO
Mike Potts – GM
Keld Lange – Porsche
Sanaz Mortazavi - Volkswagen
Dongok Kim – Hyundai Motor Company
Jim Lawlis – Ford Motor Company
Haysam Kadry – Ford Motor Company

System affiliated

Daniel Hopf – Continental
Sven Hildebrandt – Harman
Thomas Hogenmueller – Bosch
Thomas Mueller – Rosenberger
Chris DiMinico – Panduit
Tamir Reshef – Semtech
Georg Janker – Ruetz System Solutions
Eric DiBiaso – TE Connectivity
Bert Bergner –TE Connectivity
Mike Gardner – Molex
Harsh Patel – Molex

Others

Chunhui (Allan) Zhu - Futurewei Technologies, Inc.
Jon Lewis – Dell/EMC
John D'Ambrosia - Futurewei Technologies, Inc.
Marek Hajduczenia - Charter

Semiconductor affiliated

Albert Kuo – Realtek
Kinny Chen – Realtek
Amir Bar-Niv – Aquantia
Conrad Zerna – IIS Fraunhofer
Kamal Dalmia – Dryv.io
Guy Hutchison – Dryv.io
Sujan Pandey – NXP
Hamid Salehi – Marvell
Brett McClellan – Marvell
Peter Wu – Marvell
Ramin Shirani – Ethernovia
Hossein Sedarat – Ethernovia
William Lo - Axonne
Tom Souvignier – Broadcom
Mehmet Tazebay – Broadcom
Ramin Farjad - Aquantia
Mike Tu - Broadcom
Gerrit Den Besten – NXP
Alex Tan – NXP
Claude Gauthier – NXP
Mike Jones – Microchip
Mark Bohm – Microchip
David Chalupsky - Intel

Straw Polls

Request that IEEE 802.3 WG form a study group to develop a PAR and CSD for a:

10G+ Automotive Ethernet Electrical PHYs

People in the Room	802.3 Voters Only
Y: **104**	Y: **61**
N: **0**	N: **0**
A: **20**	A: **13**

73 Individuals who would attend and contribute to a
10G+ Automotive Ethernet Electrical PHYs Study Group

44 My organization would support participation in the
10G+ Automotive Ethernet Electrical PHYs Study Group in IEEE 802.3

Study Group Motion

Move that the IEEE 802.3 Working Group request the formation of a Study Group to develop a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for **Greater than 10 Gb/s Automotive Ethernet Electrical PHYs**

M: Steve Carlson S: Chris Mash

(>50%)

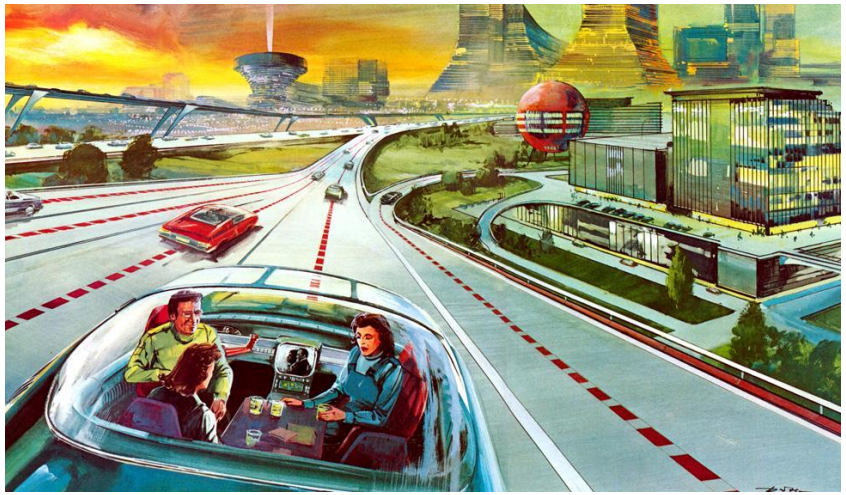
Y: 87 N: 0 A: 2

Next Steps

If the formation of a Study Group is approved:

- First meeting will be held at the May 2019 interim in conjunction with P802.3ch Task Force
- Ad hoc calls will begin after the plenary and will share the P802.3ch call schedule

Questions?



Thank you!