

IEEE 802.3 Closing Report IEEE 802 Nov Plenary

Call For Interest: 100GbE Beyond 10km Optical PHYs

CFI Consensus Meeting Summary

- 124 Attendees
- Presentation:
 - Market Drivers for 100GbE beyond 10km – Mark Nowell - Cisco
 - Technical Feasibility 100GbE Beyond 10km Optical PHY – Ilya Lyubomirsky – Inphi
 - Why Now? - Tom Williams, Acacia
- Straw Polls

Supporters (77 Individuals from 50 Companies)

Frank Chang	Inphi	Justin Abbot	Lumentum	Alexander Umnov	Corning
Hai-Feng Liu	Intel	Matt Brown	MACOM	John Johnson	Broadcom
Kohichi Tamura	Oclaro	Atul Gupta	MACOM	Winston Way	NeoPhotonics
Ryan Yu	Molex	Chris Collins	MACOM	Shawn Esser	Finisar
Scott Sommers	Molex	Brad Booth	Microsoft	Tom Palkert	Molex
Curtis Knittle	CableLabs	Akinori Hayakawa	Fujitsu	Paul Brooks	Viavi
Steve Swanson	Corning	Antonio Tartaglia	Ericsson	Tad Hofmeister	Google
David Ofelt	Juniper Networks	Matt Traverso	Cisco	Jörg-Peter Elber	ADVA
Scott Schube	Intel	Marek Hajduczenia	Charter Communications	Phil Miguez	Comcast
Kohichi Tamura	Oclaro	Dave Chalupsky	Intel	Christophe Metivier	Arista
Thananya Baldwin	Ixia	Tom Williams	Acacia	Scott Kipp	Brocade
Jeffrey Maki	Juniper Networks	Fabio Cavaliere	Ericsson	Dale Murray	LightCounting
Kenneth Jackson	Sumitomo Electric	Tony Zortea	MultiPHY	Bharat Tailor	Semtech
Mark Nowell	Cisco	Ilya Lyubomirsky	Inphi	Rita Horner	Synopsis
Jerry Pepper	Ixia	Chan-Chih (David) Chen	Applied Optoelectronics	Robert Coenen	InterOptic
Kent Lusted	Intel	Eugene Dai	Cox Communications	Keith Conroy	Acacia
Isono Hideki	Fujitsu	James H. Chien	ZTE	Matt Schmitt	CableLabs
Patricia Bower	SocioNext	Ted Sprague	Infinera	Eric Maniloff	Ciena
Vipul Bhatt	Finisar	Fernando Villarruel	Cisco	Ed Ulrichs	Source Photonics
David Lewis	Lumentum	Mark Gustlin	Xilinx	Atul Srivastava	NEL America
Rajesh Radhamohan	Maxlinear	Karen Liu	Kaia	Mark Kimber	Semtech
Sridhar Ramesh	Maxlinear	Oded Wertheim	Mellanox	Anand Anandakumar	Maxlinear
Samuel Liu	Nokia	Mizuki Shirao	Mitsubishi Electric	Piers Dawe	Mellanox
Keisuke Kojima	Mitsubishi Electric	Yonatan Malkiman	Mellanox	Mabud Choudhury	OFS Optics
Gary Nicholl	Cisco	Ryan Tucker	Charter Communications	Jacky Chang	HP Enterprise
Tomoo Takahara	Fujitsu Laboratories	David Malicoat	Senko		

Straw Poll Results

@ CFI Consensus presentation on Tuesday - Room Count: 124

- Should a Study Group be formed to consider Beyond 10km Optical PHYs for 100GbE? Y/N/A 103/0/24
- If this CFI is successful on Thursday, I would support expanding the scope of the existing Beyond 10km Study Group to include 100GbE. Y/N/A 106/0/14
- I would participate in the “Beyond 10km Optical PHYs for 100GbE” Study Group in IEEE 802.3. Tally: 66
- My company would support participation in the “Beyond 10km Optical PHYs for 100GbE” Study Group in IEEE 802.3. Tally: 39

@ Beyond 10km Optical PHYs for 50 Gb/s, 200 Gb/s, and 400 Gb/s Ethernet Study Group

- If the “Beyond 10km 100GbE CFI” is successful, I would support modifying the scope of the IEEE 802.3 Beyond 10km Optical PHYs Study Group to include 100Gb/s. Y/N/A 84/0/4

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 Beyond 10 km Optical PHYs for 50 Gb/s, 100 Gb/s, 200 Gb/s, and 400 Gb/s Ethernet.
- M: Mark Nowell
- S: Jon Lewis
- >50%
- 802.3 Voters: Y: 89 N: 0 A: 7
- Motion passes