

Higher Speed Study Group Call-For-Interest Summary and Motion

**John D'Ambrosia
San Diego, CA
July 20, 2006**

CFI Presentations

- **Brad Booth Quake Technologies - “*Higher Speed Ethernet - Overview*”**
- **Jeff Cain, Cisco Systems - “*The Need for Higher Speed Ethernet*”**
- **Petar Pepeljugoski, IBM Research - “*The Technical Viability of Higher Speed Ethernet*”**
- **John D’Ambrosia, Force10 Networks - “*Higher Speed Ethernet - Why Now*”**

CFI Presentation Supporters

| | | | |
|----------------------|----------------------------------|--------------------|--------------------------|
| David Law | 3COM | Alan Flatman | LAN Technologies |
| Kam Patel | ADC | Mike Bennett | LBNL |
| David Yanish | ADC | Joe Lawrence | Level3 |
| Adam Healey | Agere | Roger Merel | Luxtera |
| Henk Steenman | AMS-IX | Chris Di Minico | MC Communications |
| Howard Baumer | Broadcom | Rolf McClellan | McClellan Consulting |
| Kevin Brown | Broadcom | Gourgen Oganessyan | Molex |
| Wael Diab | Broadcom | Jimmy Sheffield | Newport Enterprises |
| Howard Frazier | Broadcom | Peter Schoenmaker | NTT America |
| Ali Ghiasi | Broadcom | David Martin | Nortel |
| Pat Thaler | Broadcom | Kirk Bovill | OCP |
| Arthur Marris | Cadence | Robert Lingle | OFS |
| Alessandro Barbieri | Cisco | George Oulundsen | OFS |
| Hugh Barrass | Cisco | Rich Taborek | Onde Technology |
| Mark Nowell | Cisco | Ed Cornejo | Opnext |
| Tom Lindsay | ClariPhy Communications | Matt Traverso | Opnext |
| Menachem Abraham | Columbus Advisors | Mike Dudek | Picolight |
| John Abbott | Corning | Jack Jewell | Picolight |
| Steve Swanson | Corning | Brian Holden | PMC-Sierra |
| John Dallesasse | Emcore | Dan Dove | ProCurve by HP |
| Lane Patterson | Equinix | Brad Booth | Quake Technologies |
| Arne Alping | Ericsson | Rami Kanama | Redfem Integrated Optics |
| Eddie Tsumura | Excelight Communications | John Monson | Scintera Networks |
| Andy Moorwood | Extreme Networks | George Zimmerman | Solarflare |
| Jonathan King | Finisar | Rick Rabinovich | Spirent Communications |
| Joel Goergen | Force10 Networks | Shimon Muller | Sun |
| Pete Tomaszewski | Force10 Networks | Stephan Korsback | Switchcore |
| Greg Chesson | Google | Glen Kramer | Teknovus |
| Petar Pepeljugoski | IBM Research | Andre Szczepanek | Texas Instruments |
| Larry Rubin | Independent | Ralf-Peter Braun | T-Systems |
| Drew Perkins | Infinera | Suveer Dhamejani | Tyco Electronics |
| Ilango Ganga | Intel | Eric Lynskey | UNH-IOL |
| Gopal Hegde | Intel | Bob Noseworthy | UNH-IOL |
| Schelto van Doorn | Intel | Martin Carroll | Verizon |
| Toshinori Ishii | Internet Multifeed Co. | Frank Chang | Vitesse |
| Takejiro Takabayashi | Japan Internet Exchange Co. Ltd. | Kevin Daines | World Wide Packets |
| Wenbin Jiang | JDSU | Tom Palkert | Xilinx |
| Mike McConnell | KeyEye Communications | Adam Bechtel | Yahoo! |
| Itsuro Morita | KDDI Labs | | |

Summary

- **Attendance – 220 people**
- **Why Now?**
 - **Not targeted at the desktop**
 - **Multiple applications have increasing need for bandwidth aggregation**
 - **10 GbE / w LAG is hitting scaling limits today**
- **Need to start now to meet need in 2010**

Issues for SG to Consider

- **“Higher” speed means > 10 Gb/s MAC data rate with related PHY capability**
- **Tradition of 10x leap in speed**
- **Cost Model**
- **Multiple Reach Targets - Potential > 1 PAR**

Call-For-Interest

- **Should a Study Group be formed for “Higher Speed Ethernet”?**

Y: 147 N: 9 A: 31

Straw Polls - Participation

- **I would participate in the “Higher Speed” Study Group in IEEE 802.3.**

Tally: 108

- **My company would support participation in the “Higher Speed” Study Group in IEEE 802.3**

Tally: 76

Motion

- **Move the IEEE 802.3 Working Group requests formation of a “Higher Speed Study Group” to evaluate definition of greater than 10 Gb/s MAC data rate and related PHY capability to IEEE Std 802.3. The Study Group may recommend one or more PARs.**

M: John D’Ambrosia

S: Mike Bennett

>50%

802.3 Voters: Y: 53 N: 3 A: 3

Passes