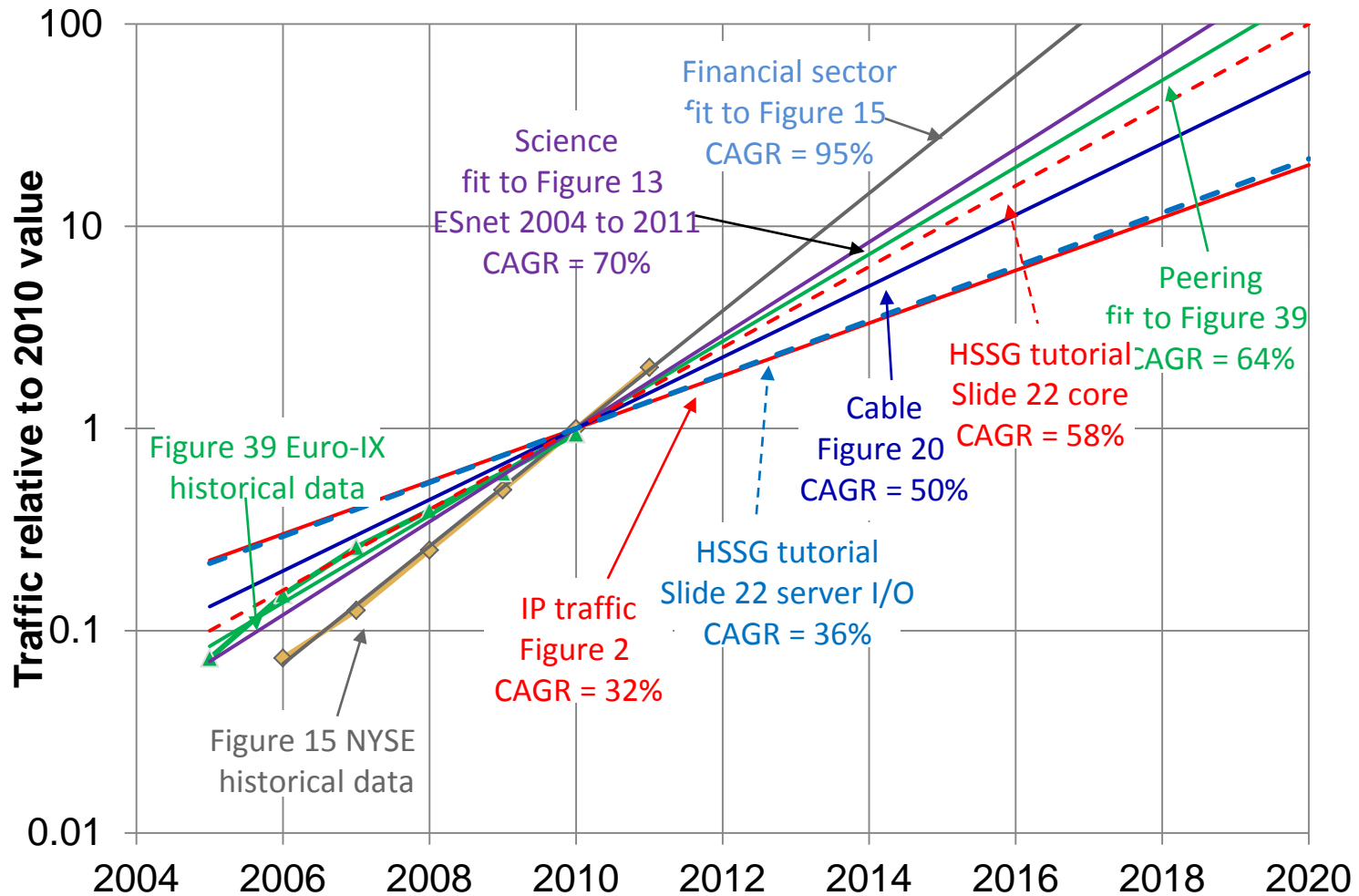


400 Gigabit Ethernet Call-For-Interest Opening Report

IEEE 802.3 Ethernet Working Group
IEEE 802 March 2013 Plenary, Orlando, FL

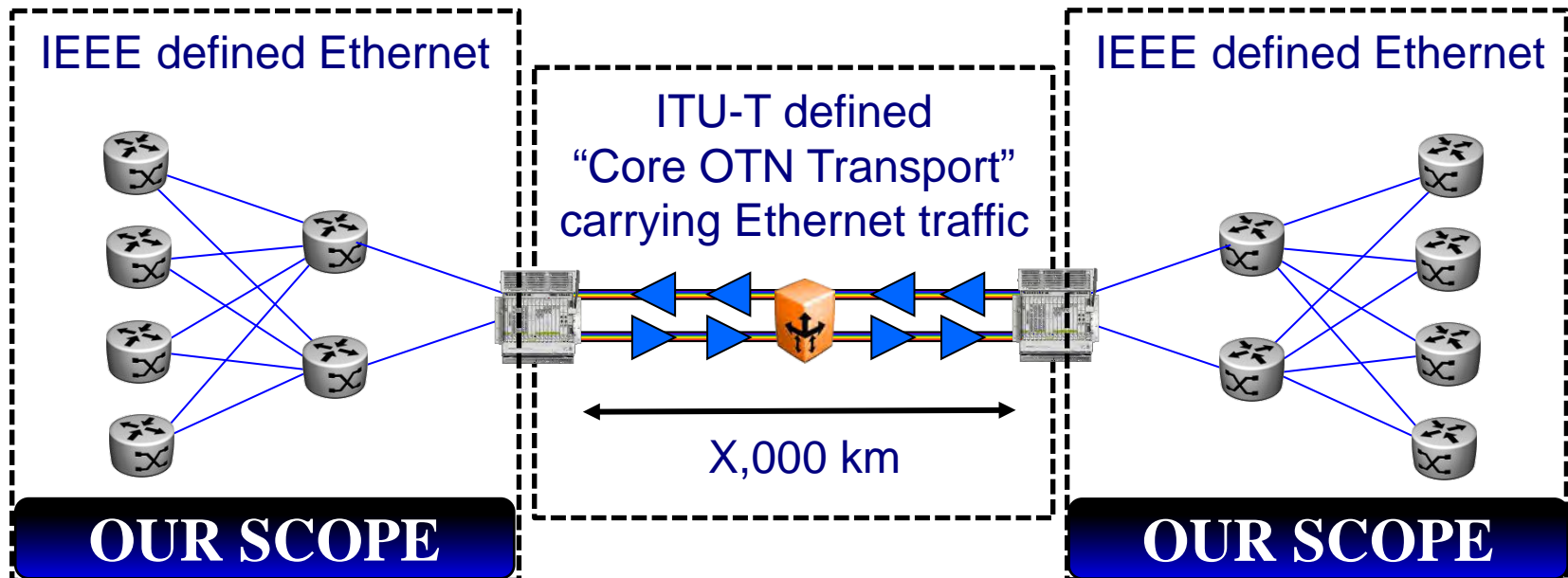
Findings of IEEE 802.3 BWA Ad Hoc



Source: http://www.ieee802.org/3/ad_hoc/bwa/BWA_Report.pdf

What Are We Talking About?

- Relentless bandwidth growth everywhere: End users / devices / rates / Applications! Video!
- “Ethernet Interconnect” must scale to support bandwidth growth
- 400 GbE: “Doing it!” at the right cost (power, density, cost)
- Goal of the CFI is to form a study group to explore the market need and solutions for 400 GbE



Logistics

- **There will be a consensus building presentation:**
 - **Date – Tuesday, March 19**
 - **Time – 6:30pm to 8:00pm**
 - **Location – Grand Sierra D**
 - **CFI Consensus Presentation -**
http://www.ieee802.org/3/cfi/0313_1/CFI_01_0313.pdf

Call-For-Interest

In July 2012 the IEEE 802.3 Industry Connections Ethernet Bandwidth Assessment forecast that networks, on average, would need to support 58% compound annual growth rates. Such growth rates would force the use of solutions aggregating or bundling multiple 100GbE links, whose capability would be quickly exceeded by the noted growth rate. The development of a 400GbE solution would provide the next step for the industry to deal with an ever increasing exponential bandwidth growth rate. This call for interest is to request the formation of a 400 Gigabit Ethernet Study Group (400GbESG) to begin this effort.

The background is a dark blue gradient with several glowing, curved lines in shades of light blue and cyan. On the left side, there is a faint grid pattern of intersecting lines. The overall effect is a sense of motion and digital energy.

THANK YOU!