

# Ethernet WDM Aggregation Networks

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## Call For Interest

**IEEE 802.3 Ethernet Working Group  
12-March 2012  
Waikoloa Village, Hawaii**

# What

## Call For Interest

IEEE Std 802.3 EPON is the world's most successful access technology. Other Ethernet PHYs, such as 1000BASE-X and 10GBASE-X are also finding applications in the access network. However, not all service providers have the fiber resources to adequately serve their customers with these technologies. In some cases the large cost to deploy new outside plant fibers is preventing or delaying providers from deploying Ethernet access technologies. There is also interest in technology that allows each one of 32 or more customers to have a dedicated gigabit service delivered over a single fiber trunk. This Call For Interest will assess the interest within 802.3 to form a study group to explore the market demand, compatibility concerns and feasibility of using Wavelength Division Multiplexing to provide an aggregated Ethernet service to address these, and similar, needs in the market.

# When? Where

- Consensus building meeting
  - Tuesday 13-March 2012
  - 7:00 PM
  - Kona 5 (across the Hall)