

# Closing Report

IEEE P802.3ca 100G-EPON

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Charlotte, North Carolina  
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# Upcoming Meetings

## □ Upcoming meetings:

- Bi-weekly meetings: Sept 28, October 12, October 26,
- F2F meeting in Orlando: week of November 6

# Decisions/Contributions to make for upcoming meetings

## □ Actions:

- Power budget
  - Close on 25Gbps power budget (Ed/Dekun/Umeda)
  - Characterization method for both transmitter and receiver (Dekun, John J, Vincent, Junwen, Frank, Greg, Umeda-san)
- MPCP/MPRS
  - Discovery process / configuration / ONU capabilities field in RegREQ (Glen Oct 12 – Glen to doodle poll)
- Fault Tolerance/Recovery/Loss of Channel
- Wavelength plan
  - Peacemaker plan (Glen/Frank/Ed/Yong)
- SOA preamp/dynamic range
  - Cost and feasibility still needs to be demonstrated (Dekun)
- Line coding (Postponed until after FEC decision)
- FEC information
  - Comparisons of parity matrices and different FEC (Mark/Bill/Bo)
  - Loud/soft ONU analysis – (Bill)
  - Operating in burst mode at  $1E-2$  (Vincent)
  - Latency (Shan)
  - Define a common set of assumptions and parameters common to all FEC analyses
    - » Mark to send email after noodling
- SERDES/CDR
  - Check margin for  $10^{-2}$  input BER (Yin, Ryan)
- 50G single wavelength
  - Technical feasibility of upstream bursts (Critical path item)
  - Wavelength plan
  - Power budget
  - Modulation

**Thank you!**