

# 100G Next Gen Optics MMF ad hoc meeting review

Sept 2012

Jonathan King, MMF ad hoc chair

# MMF ad hoc activity since July 2012

- No MMF ad hoc teleconference calls during Aug/Sept
- A face-to-face MMF ad hoc meeting took place during the July Plenary
  - To discuss how to reach consensus on MPN modeling, and what changes to the spreadsheet model are needed to keep it useful.
  - Broadly, the group agreed:
    - We should continue work on refining the treatment of MPN in the spreadsheet model
    - K factor measurements are invited (and other source parameters) !
    - The spreadsheet model should include jitter analysis, with an output for timing window at TP4
    - Model changes should be benchmarked against known applications, e.g. 10GBASE-SR, and shouldn't show a seriously broken link !
  - Meeting notes and presented materials will be available on the 40G & 100G FOTF website:  
<http://www.ieee802.org/3/bm/public/mmfadhoc/index.html>

# MMF ad hoc looking forward

- build consensus towards baseline presentations targeting our MMF objectives:
  - Define a 100 Gb/s PHY for operation up to at least 100 m of MMF
  - Define a 100 Gb/s PHY for operation up to at least 20 m of MMF

Thanks !