

# 25 Gb/s Ethernet Study Group Architecture Ad Hoc Report

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25GSG Architecture Ad Hoc Chair

# Report

- 4 ad hoc calls: Aug 12, 19, 28 and Sep 2
- Over 58 attendees in total
- 9 contributions presented
- Meeting minutes and presentation materials:  
<http://www.ieee802.org/3/25GSG/public/adhoc/architecture/index.html>
- Technical feasibility contributions presented:
  - brown\_081214\_25ge – summarized 802.3 specification re-use for 25G
  - gustlin\_081214\_25ge – specification options for PCS and FEC based on 802.3
  - ran\_081214\_25ge – latency considerations and FEC options for 25G
  - diminico\_082814\_25ge – mapping CL92 specification to 25G
  - salunke\_082814\_25ge – introduced 3m cable channel without FEC, lower latency
  - mellitz\_081914 – introduced 3m cable channel with higher host PCB loss, lower cost
- Project presentations
  - nowell\_081214\_25ge – introduced study group, draft objectives and draft CSD
  - nowell\_082814\_25ge – presented wording options for CR objectives
  - nowell\_090214\_25ge – straw poll results and further refinement of CR objectives
- Further work: TBD
- Next meeting: TBD