Joint IEEE 802 and ITU-T SG15 Workshop Building Tomorrow's Networks

Welcome!

Steve Trowbridge – Chairman, ITU-T SG15
Glenn Parsons – Chairman, IEEE 802.1 Working Group
David Law – Chairman, IEEE 802.3 Working Group

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IEEE
802

ITU

# Workshop Programme

Time	Topic
08:30-09:00	Registration (Montbrillant)
09:00-09:10	Introduction
09:10-10:40	**Session 1: New High-Speed and Long Reach Optical Interfaces**
10:40-11:10	Coffee Break
11:10-12:30	**Session 2: Passive Optical Networking**
12:30-14:00	Lunch Break
14:00-15:15	**Session 3: Mobile fronthaul, 5G mobile transport**
15:15-15:45	Coffee Break
16:15-17:30	**Session 4: Management, YANG, and Data Modeling**
17:30-18:00	Wrap-up

Detailed Programme with Links to Presentations

ITU-T Study Group 15 [home page](#)

Networks, Technologies and Infrastructures for Transport, Access and Home

- The largest of eleven Study Groups in the Telecommunications Standardization Sector (~270 participants)
- Organized into 18 Study "Questions" organized into functional areas (not project oriented) – [full list](#)
  - Q2/15 – Optical Access (PON, e.g., G.98x series)
  - Q5/15 – Optical Fibers (e.g., G.652)
  - Q6/15 – Optical Interfaces (e.g., G.695, G.959.1, G.698.1/2)
  - Q10/15 – Packet Transport OAM, Equipment Functions
  - Q11/15 - Optical Transport Interfaces and Equipment (digital layer aspects) (e.g., G.709)
  - Q12/15 – Network Architecture (e.g., G.872)
  - Q13/15 – Timing and Synchronization
  - Q14/15 – Management and Control
- Study Group 15 Approved Recommendations can be downloaded [here](#)

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[At a glance](#)   [Work Programme](#)

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Control Plane, Data Plane and Physical Layer
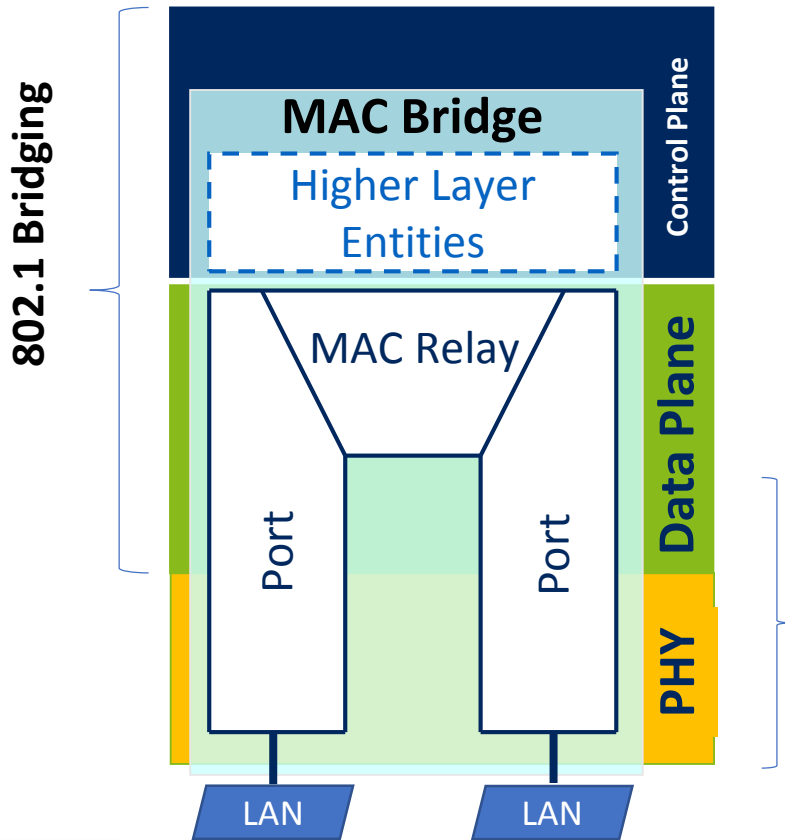
› Control protocols are implemented as Higher Layer Entities

› The data plane is composed of a MAC Relay and at least two ports

› The Physical Layer (PHY) is composed of media dependent features

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IEEE 802 LAN/MAN Standards Committee (aka IEEE 802 or LMSC)

OSI Reference Model

| Application |
| Presentation |
| Session |
| Transport |
| Network |
| Data Link |
| Physical |
| Medium |

IEEE 802

IEEE 802.1 Higher Layers

IEEE 802.3 Ethernet

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