

---

## 9.30 a.m.: Ethernet foundations workshop

---

### Ethernet technology foundations

- Transport technology evolution over time
- Attributes associated with Ethernet
- History of Ethernet
- Transceiver trends, physical formats, modulation schemes and challenges
- Ethernet frame structures and key functions
- Throughput vs. OSI layers vs. speedtest
- “Engineer rules of thumb” guidelines (e.g., estimating latency & validating throughput)

### Explore and compare Ethernet test applications and deliverables against typical transport testing use cases, requirements and best practices

- Y.1564 vs. BERT vs. RFC-2544
- Data center interconnect (DCI)
- High speed transport connections (including DWDM)
- IPoDWDM services delivered by coherent transceivers
- Business services
- Transceiver validation (including AoC, AEC and DAC cables)
- Open Q&A

---

## 3.30 p.m.: Wrap up and question time

---

May 20 <sup>th</sup>	Midlands – Holiday Inn Express Warwick, CV34 6TW
June 16 <sup>th</sup>	North – TNS Unit 2, First Avenue, Crewe, Cheshire, CW1 6BG

More dates and locations coming soon, contact us at [events.enquiries@EXFO.com](mailto:events.enquiries@EXFO.com) for more information.