

# METRO – DETAILED TRACK DESCRIPTION

## 1. Need for Speed - Get Ready for New Technologies

### Overview:

This session will focus on upcoming high-speed deployments and how you can increase your knowledge and skill set around new high-speed technologies, like 400GE, applicable to core networking, data center interconnect, and mobility transport, including 5G

### Highlights will include:

- New High-Speed interface types and standardization
- Pluggable optics form factor evolution
- New technical items influencing 400GE Testing
- PAM4 & Forward Error Correction - 400GE Interface types
- IEEE and industry Multi-Source Agreements
- The push toward 100G/lambda on client interfaces
- The other 'new' rates: 200GE, Next Gen 100GE

## 2. Transport Technologies & Testing Strategies for 5G Deployment

### Overview:

Service providers pioneering 5G network rollouts are pushing the limits of transport networks and fiber infrastructure that was designed for earlier technologies. As high-bandwidth, low-latency applications such as IoT, connected cars and virtual presence become mainstream, operators will need strategies and tools to ensure that their front-, mid- and backhaul networks can stand up to the stringent new requirements 5G brings.

### Highlights will include:

- 5G Ecosystem Requirements
- Transport (Back-, mid- and fronthaul)
- Testing for Transport Applications
- Timing and Sync Technologies
- Timing and Sync Testing

## 3. Improving Technician Efficiency

### Overview:

In this session we will demonstrate how to manage tech efficiency and improve metrics to attain shorter and fewer service calls. You will hear real life examples on how workflow and flexibility with VIAVI tools will help you meet any challenge and make money by keeping your team on track with accountable process compliance and instant data upload. This webinar goes beyond finding cable faults and breaks. The session includes a live demo on how the VIAVI StrataSync, the VIAVI JobManager and the VIAVI Mobile Tech App works together to streamline the test process.

**Highlights will include:**

- Improving business profitability
- Installation and Service can be done more effectively and efficiently
- Equipping techs to meet any challenge saves time and money
- Improve compliance with test processes, while streamlining your operation