



2019 TANE Spring Symposium
April 2-4, 2019



TELEPHONE ASSOCIATION OF NEW ENGLAND

PRESENTS

2019 Spring Symposium

April 2-4, 2019
Sable Oaks Marriott
South Portland, ME



2019 TANE Spring Symposium April 2-4, 2019



TANE Spring Symposium Committee

Scott Brooks, TANE President
Mike Reed, TANE Executive Vice President
Lee Cheney, Waitsfield & Champlain Valley Telecom
Kevin Copeland, Union River Telephone
Kim Gates, Franklin Telephone
Steve Head, HEADNetworks,
Clarke Kidder, TDS Telecom (Retired)

Gregg Klatsky, MOUNTAIN, LTD.
April Metivier, MOUNTAIN, LTD.
John Poulin, Goldfield
Mike Sargent, Granite State Communications
Terri Steele, TDS Communications
Roberta Westfall, Henkels & McCoy
Laurie Murphy, TANE Executive Assistant

TANE Officers and Board Members

Officers

Scott Brooks, President
Vacant, Vice President
Suzanne Reed, Secretary
Mark DePerrior, Treasurer

Associate

April Metivier, MOUNTAIN, LTD.

New Hampshire

Robert Meehan, Consolidated Communications
Chris Rand, Granite State Communications
Susan Rand King, Granite State Communications

Maine

Suzanne Reed, UniTel Inc.
Scott Brooks, TDS Telecom

Massachusetts

Jason Gay, Otelco

Vermont

Roger Nishi, Waitsfield and Champlain Valley Telecom
Kimberly Gates, Franklin Telephone Company



2019 TANE Spring Symposium April 2-4, 2019



The 2019 TANE Spring Symposium is made possible through the support of these generous sponsors:

PLATINUM SPONSORS



GOLD SPONSORS



2019 TANE Spring Symposium April 2-4, 2019



SILVER SPONSORS

BRONZE SPONSORS



2019 TANE Spring Symposium April 2-4, 2019



**TANE IS PROUD TO SUPPORT THE
INDEPENDENT TELEPHONE PIONEERS ASSOCIATION
THROUGH YOUR PARTICIPATION IN THE **SILENT AUCTION**
LOCATED IN THE EXHIBIT HALL**



About ITPA

ITPA is the volunteer organization created by and for the independent telecommunications industry. Dedicated to community service, ITPA has been serving the public on behalf of telecommunications companies for over 95 years. ITPA represents over 9,000 telecommunications employees and retirees nationwide. Today, pioneers continue to open exciting new lines of communication and community service throughout the United States.

Our Mission

The mission of ITPA, a diverse membership of telecommunications volunteers, is to:

- Serve our communities through good works;
- Add value to sponsor companies;
- Preserve our industry history;
- Provide leadership and networking opportunities;
- Involve employees, former employees, retirees, and their families in our activities.



2019 TANE Spring Symposium April 2-4, 2019



Schedule of Events Tuesday, April 2, 2019

Time Event

7:00 am-5:00 pm – Foyer
Registration

7:00-9:00 am – Portland & South Portland Room
Continental Breakfast

9:30-11:30 am – Portland & South Portland Room



Broadband Product Update – Hosted by Jerry Lamm

11:30 am-12:30 pm – Portland & South Portland Room
Lunch Buffet

10:30 am-2:00 pm – Cape Elizabeth Room
TANE Board Meeting



2019 TANE Spring Symposium April 2-4, 2019



Schedule of Events Tuesday, April 2, 2019

Time Event

12:30-2:30 pm – Portland & South Portland Room

metaswitch

User Group Meeting – Hosted by Matt Byrd

2:30-2:45 pm – Foyer

Break

2:45-3:45 pm – Portland & South Portland Room

Session A – Stir/Shaken and Robocall Blocking Overview – Metaswitch

3:45-4:45 pm – Portland & South Portland Room

Session B – Cyber Security – Jay Tumas, Arbor Networks

5:00-7:00 pm – Lobby Lounge

Networking @ “Fire & Water” – Dinner on Your Own

With well over 200 to choose from, Portland has more restaurants per capita than any other city in the U.S.

6:00-9:00 pm – Grand Ballroom

Exhibit Hall/Exhibitor Setup



2019 TANE Spring Symposium April 2-4, 2019



Schedule of Events Wednesday, April 3, 2019

Time Event

7:00-8:00 am – Foyer/Casco Bay Ballroom
Registration and Breakfast Buffet

7:45-8:00 am – Portland Room
Vendor Meeting – Scott Brooks & Gregg Klatsky

8:00-8:10 am – Casco Bay Ballroom
Opening Remarks – Scott Brooks, TANE President

8:10-9:00 am – Casco Bay Ballroom
Opening Keynote – TBD

9:15-11:15 am – Casco Bay Ballroom
Session C – Andy Broulidakis, RCDD, Hubbell Premise Wiring

- Current cabling standards for copper and optical fiber systems for in-building cabling
- Upcoming standards relating to not only data cabling, but low voltage as it relates to the digital building
- Testing and certification of copper and fiber cabling systems

Industry Standards (1hr):

- TIA-568 & 569 as it relates to Commercial Building communications cabling; as well as, pathways and space
- Where the industry is with Category 6 and 6A on copper systems, and what is going to change with Category 8
- Where the market is with multimode and single mode optical fiber infrastructure and where its migrating to with OM4 and OM5.



2019 TANE Spring Symposium April 2-4, 2019



Schedule of Events Wednesday, April 3, 2019

Time Event

Installation Practices (30 minutes):

- TIA Standards based practices for cable deployment and termination of copper and fiber infrastructure

Importance of Certification and warranties(15minutes):

- Testing and certifying data communications cabling for copper and fiber

Current and upcoming applications for PoE and the digital building (15 minutes):

- Standards based presentation on Power over data cabling as it sits today and its evolution to 100 Watt PoE in the near future
- Applications that will be heavily affected such as building lighting systems

9:50-10:00 am – Foyer

Break

10:00-11:30 am – Grand Ballroom

Exhibitor Showcase Open

***Fusion Splicing Challenge (Concurrent with Exhibitor Showcase) –
Sponsored by FiberNext, Carrie Drake
All equipment will be supplied (OTDR's and safety gear)**

11:30 am-12:30 pm – Casco Bay Ballroom

Lunch Buffet



2019 TANE Spring Symposium April 2-4, 2019



Schedule of Events Wednesday, April 3, 2019

Time Event

12:30-1:20 pm – Casco Bay Ballroom

Lunch Keynote or Session D – TBD

1:20-1:30 pm – Foyer

Break

1:30-2:30 pm – Casco Bay Ballroom

Session E – Evolving Network Timing Requirements, Paul Ellett, General Manager, North America, Fibrolan, Inc.

2:30-4:00 pm – Casco Bay Ballroom

Session F – Timothy E. Owens, President, Cronin

Rural Video and Internet Trends

Compelling statistics on adoption rates, migration to streaming options, Internet speeds and tiers, consumer spending and the demand for vertical services from the ISP.

Consumer Electronics: Stupid or Genius?

A review of the latest gadgets and devices customers are connecting to the broadband network, their impact on the ISP, plus a breakdown of the 2019 CES award winners.



2019 TANE Spring Symposium April 2-4, 2019



Schedule of Events Wednesday, April 3, 2019

Time Event

3:30-6:30 pm – Grand Ballroom

Exhibitor Showcase Open

***Fusion Splicing Challenge (Concurrent with Exhibitor Showcase) –
Sponsored by FiberNext, Carrie Drake**

All equipment will be supplied (OTDR's and safety gear)

ITPA Silent Auction – Hosted by Gregg Klatsky & Suzanne Reed

Door Prizes

Raffle

Networking Reception

6:30-7:30 pm – Grand Ballroom

Exhibitor Booth Breakdown

6:30 pm

Dinner on Your Own



2019 TANE Spring Symposium April 2-4, 2019



Schedule of Events Thursday, April 4, 2019

Time Event

7:00-8:00 am – Foyer/Casco Bay Ballroom
Registration and Breakfast Buffet

8:30-9:15 am – Portland Room

Session G – Cloud Based Field Inspections and Hold Points, Henkels & McCoy

9:15-9:30 am – Foyer
Break

9:30 am-12:00 pm – Portland & South Portland Room



User Group Meeting and New Products – Hosted by Peter Johnson

12:00 pm – Portland & South Portland Room

Door Prize Award – Symposium Close – Scott Brooks
Announcement of the Winners of the Fiber Splicing Time Trial –
Carrie Drake, FiberNext



2019 TANE Spring Symposium April 2-4, 2019



***NOTE:** Concurrent with the Exhibitor Showcase, there will be a Splicing Challenge. Participants will be timed on completing 6 fusion splices. Timing will start at the stripping of the first fiber and stop when the last splice hits the heater.

Participants will follow the strip, clean, and cleave process. Participants that skip any steps will need to restart the challenge.

Times will be recorded. The top three times will be on a Leader Board. The top three times of the day will win prizes. The participant with the top time will be announced as the 2019 Spring Symposium Fusion Splicing Champion.

Participants may also try out their OTDR skills in an OTDR Challenge as they wait their turn for the Fusion Splicing Challenge. Participants will use an OTDR to identify events, be asked to take measurements of events, and determine locations of events of a simulated fiber optic network. Participants will be judged on accuracy. Participants with accurate answers will be entered to win a prize to be drawn at the end of the challenge.