

Training and safety issues.



SCTE · ISBE

## Welcome To Your September Newsletter

Guess you've noticed our new logo...maybe. We are still waiting for national to give us the go-ahead on it, so send those positive vibrations their way.

This month I'm going to come right out and say it. How are we doing? Send an email to [thealaskachapter@gmail.com](mailto:thealaskachapter@gmail.com) and let us know. I can not tell you how important it is that we get feedback and guidance from our membership to help steer this ship for all our career

development needs. Don't make me send out weekly survey monkeys. Speaking of monkeys and chimps, did anyone get a chance to see the monkeys riding dogs herding sheep at the Alaska State Fair? No it wasn't a rock band it was capuchin monkeys dressed as cowboys riding border collies herding sheep. If you didn't, I have a short video if you're interested. Just email [thealaskachapter@gmail.com](mailto:thealaskachapter@gmail.com) and put puppy monkey sheep in the subject. You also have to come up with a suggestion or leave a comment about how we can better serve you before I put that gem of a video out there.

## Upcoming Events

Although we have not scheduled training for September, we are looking to start up our Wednesday GoToMeetings in October after EXPO 17. If you have a topic you would like to see...yeah you get the picture.

## Expo2017

If you are going to the EXPO this year, let us know. It would cool for all of us to get together. Besides, the chapter is printing out new polo shirts just for this occasion. If you are going, let us know along with your shirt size and we can get one for you to wear proudly throughout the week.

Your local chapter is also curious to know what you know about SCTE and what you hope to get out of membership. Corner a board member or associate boardmember and we will be happy to go over the reasons . You can also simply go to [www.scte.org](http://www.scte.org) because there is so much there. No really, go there. Download the SCTE [Membership Benefits Brochure](#).

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## Upcoming Training and Events

**If you are going to be out and about in the lower 48 this month, you may want to drop in these SCTE chapters to say hello and suck up some knowledge.**

**Show Me Chapter - Power Supply Training**

**Louisiana Chapter Vendor Day and Golf Outing**

**Piedmont Chapter- Fiber Training**

**Sooner Chapter - Back To Basics Webinar**

**Badger State Chapter - New Technologies Seminar**

**Bluegrass Chapter - Technical Training and Appreciation Event**

**Penn-York Chapter - Understanding IP 101 Webinar**

**Mid-Columbia Chapter - DOCSIS 3.1 Training**

For more, visit this link <http://www.scte.org/SCTE/Events/Calendar.aspx>



Have you downloaded the CORTEX app from SCTE yet? Let us know what you think. Send an email to [thealaskachapter@gmail.com](mailto:thealaskachapter@gmail.com) or even post your feedback on our [facebook](#) page. Follow your learning plans and track progress to guide you to become an expert and advance your career. You can download the CORTEX from the [App Store](#) or from [Google Play](#).

## More From SCTE

[ENROLL IN A SELF-PACED ONLINE](#)

### [UNDERSTANDING CABLE TECHNOLOGY COURSE](#)

Whether you're new to the cable industry, or a seasoned employee looking to raise your technology knowledge, you will learn about:

- The industry, acronyms and technology you will be supporting
- The core hybrid fiber-coaxial (HFC) and fiber to the x (FTTx) architectures
- The technologies used to deliver high-speed data (HSD), video services and voice over IP telephony (VoIP)
- Networking the customer premises
- How to hold it all together with business and operation support systems (B/OSS)
- How to use the SCTE•ISBE Cortex Expert Development System Mobile app to access the class anywhere

[Check it out here.](#)

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### Trivia Question

Before 1972, this southern New York company was known mainly for making TV picture tubes and for the iconic cookware bearing its name. But behind the scenes, the work of a small group of scientists was about to dramatically change the company's legacy while redefining the entire field of telecommunications. Do you know the name of the company and the scientist that sparked the fiber optic revolution?

See answer at the end of the newsletter.

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## **Radio Frequency Analysis at Fiber-Based Cell Sites**

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Interference artifacts in cellular networks are becoming more prevalent with the increasing number of active transmitters on the RF spectrum. In addition, interference can also be generated within the cell site as a result of improper conductivity generating intermodulation products that can interfere with the transmitting signals of mobile devices.

The ability to detect interference is a challenging and expensive task on distributed cell sites since RF access was removed from the core of the radio to the RRHs which are installed next to the transmitting antennas.

Download [Radio Frequency Analysis at Fiber-Based Cell Sites](#) to learn how to solve these challenges.

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## **Testing and Structured Cabling Standards - Harmonization**

The idea of harmonization, somewhat of a holy grail, is to have standards from different organizations agree. For example, imagine if the TIA, IEC, and ISO/IEC organizations used the same test standard.

This article will discuss the structured cabling and test standards published by the TIA, IEC, and ISO/IEC Standards bodies. The similarities and differences between standards will be reviewed and the reasons for frequent lack of harmonization will be explained.

[Read this week's Fluke Networks blog to learn more](#)

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### **5-Minute Safety Talk - Ergonomics**

One-third of all workers' compensation claims are due to ergonomic issues. This [5-Minute Safety Talk](#) explains the health issues that can be caused by ergonomics issues and how to minimize risk factors. Use this [5-Minute PowerPoint Presentation](#) in conjunction with the safety talk at your next safety meeting.



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### **Answer to trivia question**

Corning is the company and Peter Schultz is the scientist. You can read more in this month's issue of [Broadband Library](#).



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The Alaska Chapter SCTE  
4710 business park blvd  
Building F Suite 40  
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