



SCTE · ISBE.

The Alaska Chapter of SCTE

October 2017 Newsletter

Here we are in the last quarter of 2017. Leaves are falling, frost is on our windshields in the morning and termination dust is slowly making its way down the mountains. It is that time of year where we need to pay special attention to children making their way to the school bus in the dark, moose are even more difficult to see as they too make their way across our roads, and our roads are becoming deceptively slicker with the cover of wet leaves. This is also a great time to dig out those ice cleats. If you can't find them, tell your manager to pick up some new ones. If you find them but they are worn, well, get some new ones! Nothing like fall in Alaska.

October is also that time when the SCTE EXPO becomes a topic of discussion and hopefully a destination for some of us. This year we are asking that those that are attending to send back reports of sessions they have attended or vendors they have spoken to. Remember you can post these conversations to our Alaska Chapter Facebook page. If all goes well, maybe we can post some live Facebook feeds where this is allowed by our national chapter. Let's extend our learning experience to our peers that could not make it to EXPO this year.



Just wanted to share that we have a new SCTE membership brochure:

http://www.scte.org/SCTEDocs/Membership/SCTE21114_MemberBrochure_FNL.pdf



SCTE Technology Career Program, GCI Workforce Development Program, STEM and US First Robotics

The SCTE Technology Career Program is designed to provide students with an introduction to the cable telecommunications industry and the ability to graduate with an industry-recognized SCTE certification. Along with the GCI Workforce Development program which provides STEM teachers with an introduction to our industry we can better prepare our population for the needs of the telecommunication industry as we head into the future.

In both programs, we partner with both trade schools, community colleges and our local SCTE Chapter to provide a career path option for students. The foundation of the program is the SCTE's industry recognized curriculum and certification programs, along with the related resources, including guidebooks and associated certification prep courses. GCI has developed hands on labs in cable installation, fiber optics and satellite communications to enhance the experience. Our local chapter can get even more involved through our alliance with SCTE and TECHCareer@scte.org.

Did you know that SCTE is a proud supporter of numerous STEM (Science, Technology, Engineering and Mathematics) education and career initiatives.

literacy and up-and-coming innovators to create the cable networks and technologies of tomorrow. SCTE is also in alliance with the US First Robotics program. If you haven't seen a US First program yet, you need to make it a point to do so. You can get more information on the program by email USFirst@scte.org.



NIOSH Releases New Lifting Equation Calculator App

NIOSH has released a mobile app based on the Revised NIOSH Lifting Equation, an internationally recognized standard for safe manual lifting in an effort to prevent work-related musculoskeletal disorders.

To use the free NIOSH Lifting Equation app, called NLE Calc, simply enter information about the lifting task at hand and then receive feedback on how to optimize the lift -

suggestions for alternative methods.

Learn more and download the app [here](#).

In 1884, people in New York City were somewhat annoyed by the enormous amount of power lines as well as phone lines along their streets. That year there was a particularly bad winter and as the wind shrieked through the wires the noise was ear splitting.

As the snow and ice built up on the wires the poles could not bear the strain and snapped in some cases crashing through private buildings.

The New York State legislature that same year passed a bill to have all cables placed underground but the order was ignored as the technology to insulate the cables did not yet exist. Mayor Hugh P Grant in response to the frustration of the citizens took matters into his own hands and led a team of axmen around the city cutting down the offending poles. In fact the Mayor is reported to have cut down the first pole himself.

It is also reported that, that year saw the first search for the "Perfect Insulator" and the newly formed "Board Of Commissioners of Electrical Subways" was flooded with some six hundred schemes and designs for executing the mammoth task of laying cables underground.





Learning On The Fly

Invisible OSP Fiber Infrastructure for the "Not in my Backyard"

Communities - [Register Now](#)

Tuesday, October 3rd at 8am AKT - Municipalities and service providers understand the importance of FTTH for a city's development. But the options for installing fiber can vary greatly with population density, local government needs, and other factors. Challenges such as right-of-way and construction permits, coupled with public demand for more aesthetically pleasing equipment, can add complexity and cost to a deployment. So network planners are considering more ways to deploy buried network architectures. This free, interactive presentation will explore the latest tricks for underground fiber deployments and network technologies that are helping to simplify and speed construction, while satisfying the "not in my backyard" demands of today's communities.

[SCTE • ISBE LiveLearning Webinars™](#)

RF over Glass at the Premises

Thursday, October 12, 2017

11:00 PM AKT

Description:

This webinar will look at how RFoG compares to other all-fiber options and the use cases where it shines brightest.

What You'll Learn:

- What differentiates RFoG from other approaches
- Use cases for RFoG
- Installation strategies and techniques

- Network planners
- Network installers
- Contractors
- Others interested in all-fiber access networks

October 26th at 9AM AK Time, the local chapter of GWEN will be conducting a VTC on "Leading in Times of Change" we are hoping to align this training with the SCTE and Women in Cable Telecommunications (WICT) initiative. Keep an eye on your email for more information as we get closer to this date.

Changes and updates in NFPA 70E's latest 2018 edition as it relates to electrical safety.

Are you and your organization prepared for these latest changes?

Register Today at:

<http://1105insight.com/portal/wts/uemcmQeewfaqrMqfE%5Eecs7qtga>

Overview:

There are many changes and updates in NFPA 70E's latest 2018 edition as it relates to electrical safety. Are you and your organization prepared for these latest changes? Do you know what risks your organization may have?

Electrical safety is critical for all facilities and it is important to clearly understand the compliances we need to conform to. NFPA 70E is essential for keeping your employees and your site safe and in compliance. This webinar is geared towards all businesses regardless of industry and will focus on NFPA 70E 2018 including the terminology changes and the new updates. We will discuss some useful tips on how to best implement these updates into your organization to be compliant. We will also review the latest statistics related to electrical injuries and fatalities and the proper personal protective equipment (PPE) that is available to protect our employees.



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As a member of SCTE and the Alaska Chapter, you are receiving this newsletter. If you wish to opt out you may do so.

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