



The Spectrum

Newsletter of the Rocky Mountain Chapter

<http://www.scte-rockymountain.org>
April, 2015

Dear **Rocky Mountain Chapter** affiliated SCTE members,

2015 is off to a very good start for the **Rocky Mountain Chapter**. We have a newly elected board now in place and we have had two seminars provided to the Chapter with fantastic technical insights articulated from our esteemed colleagues. We have a full slate of new topics for seminars coming up and we have our annual Symposium coming up in June. This will be our 20th Anniversary Symposium this year, so look forward to a fantastic slate of panels and Vendor displays.

2015 Board Members

The **Rocky Mountain Chapter** has formulated the leadership team during the January Kickoff and Planning Board meeting. The Chapter is led once again in 2015 by **Jorge Salinger** from Comcast. Jorge is a tireless leader for our Chapter while also leading the efforts of implementing DOCSIS 3.1 for Comcast.

Rounding out the **Rocky Mountain Chapter Board** are **Tom Gorman** as Vice President, **Lane Johnson** as Secretary, and **Stephanie Trotter** as Treasurer. Mr. Gorman is president of OpsXL and focuses on helping other companies improve their operations. Mr. Johnson is now part of Charter Communications as Architect of all Technology Labs after several years at CableLabs. Ms. Trotter leads the Program Management Office group at Time Warner Cable.

The board also has several other contributing board members with **Rex Kohart, Nick Segura, Wes Schick, Keith Nichols, Chris May and Ron Upchurch**. The leadership of the Rocky Mountain Chapter is diverse in both the companies represented as well as the disciplines provided by their expertise.

What else has the Rocky Mountain Chapter been doing??

Seminar - MPEG: Overview, Challenges and Future

On January 28th, the **RM SCTE Chapter** held its first Seminar/Web-ex for 2015. The subject covered was an overall review of MPEG technology.

There were three presenters from Time Warner Cable for this event: **Tom Gonder, John Valiquette** and **Peter Keys**. Tom Gonder moderated the session in a “round table” like forum focusing on topics that ranged from an overview of MPEG Technology, Challenges that are being faced in the inventory as well as where the future was heading. This format allowed Tom to prompt the presenters with pointed questions and solicit answers that extended the details in the actual presentation. One of the benefits of this format was the ability to eliciting further thoughts as comments from the participants on line and in the room.

The session was recorded by National. The content will soon be available in Chapter’s web page. The entire production was a great success, thanks to all that helped support the event.

Photos of session:



Speakers: Tom Gonder, John Valiquette, and Peter Key

Seminar – LTE Interference

The **Rocky Mountain Chapter** held a seminar event covering LTE interference. The event was held on February 26th in the Comcast Theater. The session was presented to a live audience and also on line via a live WebEx session. Mother Nature’s showed up that morning also with a nasty snowstorm throughout the Front Range area in Colorado. Our industry professionals are resilient, and our WebEx utilization spiked for the event.

The presenters for this event were **Ron Hranac** and **Nick Segura**. Their approach with visual prompts, physical props, and live examples created a detailed, informative, eye opening experience. They covered:

- Challenges of UHF leakage and LTE interference
- What's in the affected spectrum?
- The two-way street: Ingress and direct pickup
- What is field strength?
- A tight plant in or near the 108 MHz to 137 MHz VHF aeronautical band does not mean a tight plant in the UHF spectrum
- Some typical causes of UHF leakage, ingress and direct pickup
- Homebrew leakage detection solutions until commercial UHF digital-compatible leakage gear is obtained locally
- What to do when LTE service providers tell you that your plant's leakage is causing interference

Nick and Ron complimented their presentation with examples that showed in real time the busy spectrum our services reside in. The display of antennas that they utilized in the presentation would bring a tear to the eye of anyone who has ever climbed a tower. They finished by stressing the importance of proactive partnering with the LTE providers. The collaborative approach assists all involved, and positive learning for all parties will be the result.

Community Outreach

SCTE supports the **USFirst Robotics** initiative and the **Rocky Mountain Chapter** has been engaged with local teams. High schools can create a team to design and build a robot that must complete complex tasks in competition with other schools. **The Rocky Mountain chapter** is proud to be a sponsor for the **St. Mary's First Robotics Team**. Not only is this their first year of competition, they were named the Rookie of the Year, which earned them a spot in the US National competition! Most important, this team is **an all girls team**, the first in the nation. If you are interested in mentoring high school teams in the next season of competition, send a note to Tom Gorman at tom.gorman@opxl.net.

What's Coming up??

We have some great Seminars and learning opportunities planned for the rest of this year and the **Rocky Mountain Chapter** Board would like to encourage everyone to take advantage of these upcoming activities.

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Upcoming Seminars

21 May 2015	In-Home Networking: WiFi and MoCA	Comcast Iloff Theater
28 May 2015	IPv6 and Impacts to the Cable World	Webinar
9 and 10 June 2015	Rocky Mountain Chapter Symposium	Inverness Hotel
23 July 2015	RDK Update	Webinar
27 August 2015	Drop Hardening	Comcast Iloff Theater
24 September 2015	Commercial Services	Webinar
22 October 2015	Introduction to DOCSIS 3.1	Comcast Iloff Theater
19 November 2015	Next Gen Access Technologies	Webinar
TBD December 2015	Executive Round Table – 2016 and Beyond	Cable Center

June Symposium

This year will be our **20th year** of hosting the **Rocky Mountain Chapter** of the **Cable-TEC Symposium and Golf Outing** at the Inverness Hotel in Englewood, CO. We will bring back the very successful series of educational engineering and technical operational roundtable sessions. As well as a new event aimed at allowing engineers to showcase their knowledge and understanding of Internet Protocol (IP) technologies. The Rocky Mountain Board is excited to bring this annual event to the Chapter for the 20th year and we are working on a full slate of Vendor Exhibits, state of the art presentations, Technical demonstrations, and competitions for all members. Look for more details in our upcoming May Edition of **The Spectrum Newsletter!!!**

Past Seminar Recordings

Built especially for SCTE members affiliated with Rocky Mountain Chapter

<http://scte-rmc.org/information-central/seminar-videos> :

- LTE Interference – Feb 26, 2015
- MPEG: Overview, Challenges and Future – Jan 29, 2015
- DOCSIS 3.1 Training / Seminar – Oct 24, 2014
- IP Video Basic and Future – Sep 11, 2014
- Introduction to DOCSIS 3.1 - Apr 17, 2014

RMC website: <http://scte-rmc.org/>

2015 Elected Board of Directors				
Name	Email	Company	Position	Phone Number
Jorge Salinger	jorge_salinger@cable.comcast.com	Comcast	Board Member	215 439-1721
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Wes Shick	wes.schick@AFLglobal.com	AFL	Board Member	303-618-8012

Supporting Associate Board Members 2015

Name	email	Company	Position	Phone Number
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