

## Atlanta May 2016

**S**eventy-three members and guests signed up in addition to those watching the May meeting via streaming as a panel began its review of this year's NAB show. Steve McCormick, co-owner of Comprehensive Technical Group, began by highlighting OTT, Virtual Reality, and Drones as this year's most talked-about entities and presented very interested findings on first-quarter revenues of industry-leading companies. After McCormick provided an update on ATSC 3.0, spectrum auctions, AES67, and news of Sony and Evertz joining the AIMS alliance, Bob Baker (Turner Broadcasting) began his presentation, which featured 90 slides of new products and technologies, which kept the audience spellbound. Other members of the panel included Roger Franklin, chief executive officer of Crystal, Nick Anderson from Digital Glue, Andy Tuggle from Apace Systems, and Gabe Lopez from CNN. The list of noteworthy products and compelling technologies that panel members offered was greatly in excess of the available time for discussion.

Highlights included many new quality control and monitoring products from Tektronix including the ability to analyze video over IP streams, two new extremely sensitive cameras from Canon and Sony, Crystal Control and Crystal Spectrum, MAM and editing integration from Apace Systems, Ross Video's new Carbonite Solo switcher, Evertz SFP's with "anything in-anything out," and Harmonic's HEVC products. For Gabe Lopez, highlights included Sony's IP/SDI production switcher, which featured remote operation and ClearCom's FreeSpeak II product line. For Nick Anderson it was SMPTE's Future of Cinema Conference and



Attendees at the Atlanta Section meeting in May.

HDR, VR, and Augmented Reality. After Q&A and discussion, Section Chair Jack Linder thanked the panelists and the dinner sponsors (Tektronix, CTG, Apace Systems, and Digital Glue) and adjourned the meeting.

—Richard Perin  
Secretary/Treasurer

## New England May 2016

**O**n Wednesday, 4 May, the New England Section held its annual National Association of Broadcasters (NAB)

wrap-up panel discussion at WBZ-TV, CBS, Boston.

Chairman Marty Feldman welcomed the 50 attendees with introductory remarks promoting the upcoming SMPTE New Technologies Boot Camp on 19 May. The evening event was handed over to long-standing NAB wrap-up moderator Philip A. Ozek of Liberty Mutual and a past SMPTE New England Section Chair.

Panelists included Stefan Hadl, director of engineering at WCVB-TV; John Rule of Rule Boston Camera; Emeric Feldmar, engineering



Moderator Philip A. Ozek (R) poses question to the panel at the New England meeting.



Panelists at the New England meeting: (L-R) Stefan Hadl, WCVB-TV; Emeric Feldmar, WGBH-TV; Moderator Phil Ozek, Liberty Mutual; John Rule, Rule Broadcast; Professor Geoffrey Poister, BU; Bob Lamm, Broadcast Pix.

manager at WGBH-TV; Bob Lamm of Broadcast Pix; and Geoffrey Poister, associate professor at Boston University (BU).

This event has become a time-honored tradition of candid information

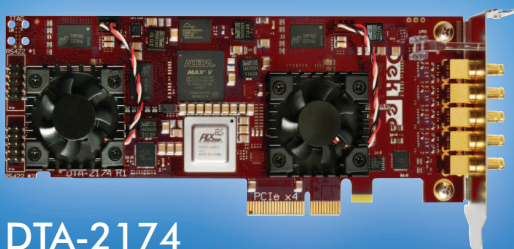
exchange, personal opinions, and observations of the events and technologies presented at the NAB Show floor or other NAB convention sites. It provided a robust question and answer opportunity with these five

industry experts who attended the NAB events.

The 2016 NAB Convention enjoyed the participation of more than 1750 exhibitors, all of which produced a tremendous amount of technical information that freely flowed on the show floor.

Hot topics discussed by the panelists included the evolving transition to 4K and higher pixel imaging systems, complex issues of Internet Protocol (IP) video routing and processing, the clear transition to an Information Technology infrastructure in broadcast plants, high-quality cameras by nontraditional camera manufacturers, developments in digital cinematography, including higher resolution, high dynamic range, and RAW workflows, high frame rate imaging, extended color gamut, storage and media asset management, virtual sets, aerial coverage using drones, and the latest codecs [such as H.265 or High-Efficiency Video Coding (HEVC)].

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Presenters from Blackbourne Worldwide at the Ohio Section meeting in April: (L-R) Natalie Blackbourne, president; Maximus Blackbourne, chief executive officer; and Jon Hartmeyer, broadcast cybersecurity specialist.

## Ohio April 2016

**T**he Section meeting on 28 April took place at the Mills James production lot in Columbus, Ohio, where approximately 50 members and guests were in attendance. The principal speaker for the evening was from the cybersecurity firm, Blackbourne Worldwide, in Detroit, Michigan. Jon Hartmeyer, the broadcast cybersecurity specialist with the firm, started out by presenting a historical overview of various commercial broadcast station plant layouts and designs in the U.S., over the multiple decades since World War II. This included the traditional AM/FM/TV/cable/over the air station plants, etc., including their master control rooms. He pointed out that, gradually over the years, many of those traditional analog plants have migrated to a more centralized digital steaming infrastructure, thus replacing many of their former circuit-switched equipment and controls along the way. This has opened up the modern media/broadcast plants of today to possible threats by those who would want to hack attack them for various reasons, including industrial sabotage and terrorism, to name just a few. Just as other communication industries are relying more than ever today on antihacking/cybersecurity systems after converting to more digital streaming for their basic plant infrastructures, he emphasized that each broadcast plant needs to take the same measures now. Throughout his presentation, he emphasized that early prevention is the best weapon to combat against any such threats by contracting with a good cybersecurity firm, which will result in a greater “peace of mind” when operating in today and tomorrow’s broadcast plant environments. A lively Q & A session followed.

—Gene L. Batey  
Secretary/Treasurer

This NAB wrap-up panel discussion was recorded by the New England Section and is available on the SMPTE website. The Section expresses sincere appreciation and

thanks to Paul Pabis and Bob Yankowitz of WBZ-TV for hosting the meeting.

—Paul Beck  
Secretary/Treasurer



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Students gather for photo with guest speaker Jennifer Philips after the meeting on 19 April.

### Pasadena College Student Chapter April 2016

**I**n April, the Pasadena City College (PCC) student chapter hosted two guest speakers in the television and radio department. The first, on

19 April, was Jennifer Philips, a post-production supervisor who has handled a range of shows from scripted programs such as “Baywatch” and “Nero Wolfe” to movies of the week to reality series and game shows such as “Family Feud.” Because of

Fremantle Media’s international focus, Philips is extremely knowledgeable about what is required to deliver programs not only in the U.S. but throughout Europe, which, surprisingly, has different aesthetics in both image and sound. Currently, she is also working as a producer.

Philips’s father is a broadcast engineer, and she learned about editing from spending a lot of time in his work environment, looking on as commercials and promos were created. Philips advised students to listen and observe—absorb everything that is going on around you; learn professional behavior, including how to collaborate, using your initiative, and always being willing to go the extra mile; ensure you capture good sound in all your productions as it is expensive to correct; seek internships and







Students and guest speaker Yolando Mitchell Brown at the PCC meeting on 26 April.

employment at smaller companies, which are more likely to provide a valuable learning experience.

Producer Yolando Mitchell Brown spoke to students on 26 April. Brown told students that,

after graduate school, she spent years learning her craft, which included a range of skills such as marketing, web design, and freelance videography. She is the producer-director of “Every Way Woman,” a syndicated talk show, which she produces from her own studio. She created the show at a cable access station—many communities have one—and now distributes it on the east and west coasts. Brown stressed the importance of understanding the business side of the entertainment industry, networking, seeking out learning experiences, and staying focused on your dream.

—Barbara Naylor  
Student Advisor

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