

April 1, 2013



Radio TechCheck

The Weekly NAB Newsletter for Radio Broadcast Engineers



NAB LABS

NAB Labs Presents Education on Critical Topics at 2013 NAB Show

At the 2013 NAB Show in Las Vegas, Nev. (April 6-11), NAB Labs will present several educational sessions and events on subjects of critical importance to the radio industry. The sessions are as follows:

Digital Strategies Exchange for Radio, Wednesday, April 10, 10:00 a.m. – 4:00 p.m., Las Vegas Convention Center, Room N234

This full-day [program](#) is presented by NAB Labs within the Broadcast Management Conference, and is targeted at radio station management and non-technical staff. It focuses on the many new technologies affecting radio broadcasting today, and provides recommendations on how to best leverage them to local radio's advantage. Following its successful debut last year, the program will present an up-to-the-minute report on alternative delivery systems for radio content, including a comprehensive look at radio's place within in-vehicle and handheld platforms. Strategies will also be shared for getting the most from on-air and online content in the new environment. The program will include an interactive discussion of social media applications for radio over lunch, and a forward-looking, management-centric view of what's next, including "hybrid" radio and other emerging ideas for the medium.

Speakers and moderators include [Mike Bergman](#), Senior Director, Technology and Standards, Consumer Electronics Association; [Paul Brenner](#), Senior Vice President and Chief Technology Officer, EMMIS Communications; [Kathleen Bricketto](#), Vice President, Interactive, Beasley Broadcast Group; [Jon Bucci](#), Executive Vice President, Strategic Planning, Concannon Business Consulting; [Holland Cooke](#), Media Consultant, Holland Cooke Media; [Deb Esayan](#), Co-President, Marketron Interactive; [Cynthia Francis](#), US Managing Director, Audioboo, Inc.; [Mike Henry](#), CEO, Paragon Media Strategies; [Fred Jacobs](#), President, Jacobs Media/jacAPPS; [Jim Kott](#), Senior Vice President of Products and Marketing, Abacast; [Nick Piggott](#), Chairperson, RadioDNS; [Skip Pizzi](#), Director, Digital Strategies, NAB; [Valerie Shuman](#), Vice President, Industry Programs, Connected Vehicle Trade Association; [Milford Smith](#), Vice President, Radio Engineering, Greater Media; [Kevin Straley](#), Vice President of Programming, *TuneIn*; [Barry Thomas](#), Vice President of Engineering, Lincoln Financial Media; [Jennifer Williams](#), Director of Interactive Marketing, Greater Media; and [Danno Wolkoff](#), President and CEO, Envision Radio Networks.

BEC Reception Welcomes Engineers

Be sure to add the Broadcast Engineering Opening Reception to your schedule, on Sunday April 7, 5:30 – 7:30 p.m., in Room S219. Meet with your peers for beverages and hors d'oeuvres to mark the start of the 67th Broadcast Engineering Conference. Sponsored by Diversified Systems, Inc.

RF Boot Camp, Wednesday, April 10, 9:00 a.m. - 5:00 p.m., Las Vegas Convention Center, Room S219

This full-day session offers basic knowledge regarding the operations of a broadcast radio or television RF plant. The program will cover the distribution of program and data content from the studio to the RF transmission points, including the types of hardware and software typically used at the RF plant, and remote monitoring and telemetry. Towers, transmission lines and antennas will be the focus of an interactive discussion tailored to attendees who are unfamiliar with maintenance requirements and safety concerns. Specific FCC and OSHA Rules related to RF transmission will be explained, along with methods commonly used to ensure compliance with those rules.

It is intended for IT professionals at broadcast facilities seeking to improve their knowledge of broadcast RF technologies, students interested in broadcast engineering as a career, studio engineers and technical operations staff interested in expanding their broadcast operations knowledge, and small-market station owners and operators needing this background.

Presenters include [John Bisset](#), Western Regional Sales at The Telos Alliance; [Mary Ann Seidler](#), Vice President, Sales at Tieline; [Cindy Cavell](#), Senior Engineer at Cavell, Mertz and Associates, Inc.; [Garrison Cavell](#), President, Cavell, Mertz and Associates, Inc.; and [Paul Shulins](#), Director of Technical Operations, Greater Media Boston.

NAB Labs Futures Park, April 8-10, 9:00 a.m. – 6:00 p.m.; April 11, 9:00 a.m. – 2:00 p.m., [North Hall](#), Las Vegas Convention Center

This special [area](#) of the NAB Show exhibit floor will feature numerous high-profile media technologies in development around the world, specifically chosen by NAB Labs for demonstration to the broad international audience in attendance. Technologies to be shown include 4K and 8K video, 22.2-channel sound, mobile HDTV, HTML5-based “smart-TV,” wireless broadband service using TV white spaces, emergency alerting for digital radio, advanced file-based workflows, multi-screen and free/multi-view TV applications, and more.



Perhaps most notable will be the world’s first demonstration outside Japan of over-the-air broadcast transmission and reception of 8K video and 22.2-channel audio (NHK’s *Super Hi-Vision* service), using two 6MHz TV channels.

Exhibitors in the NAB Labs Futures Park are the Advanced Media Workflow Association (AMWA), Electronics and Telecommunications Research Institute (ETRI), Framework for Interoperable Media Services (FIMS), Nanyang Technological University (Singapore), NHK Science and Technology Research Labs, National Institute of Information and Communications Technology (NICT), Project FINE, Rochester Institute of Technology and Zaxel Corp.

Conference sessions above are open to registrants holding a Conference Flex Pass or SMART Pass. The NAB Labs Futures Park is open to all NAB Show registrants.

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