

August 2, 2010



# Radio TechCheck



The Weekly NAB Newsletter for Radio Broadcast Engineers

## It's Your Chance to Ask the Experts



Produced by RAB and NAB

the rules, crafting new ones and enforcing compliance. Whether you handle technical operations at a small station, are in charge of a station group, or a consultant in the radio industry, *Ask the Experts* will offer a unique opportunity to join your colleagues and peers grilling our speakers for accurate answers to your most pressing questions. We asked the session moderators what they would like to ask the experts in their sessions.

NAB Science and Technology designed a series of sessions specifically for radio engineers and others interested in the future for radio broadcasting from a technology perspective called *Ask the Experts*. These sessions will put you in front of people who are changing

Gary Kline, Vice President of Engineering & IT, Cumulus Media, "How can a broadcaster negotiate lease concessions in order to defray new construction costs?" ([Ask the Experts: Building a Radio Station, September 29, 10:00 a.m. – 12:00 p.m.](#))

Paul McLane, Editor in Chief, *Radio World*, Paul McLane, Editor in Chief, *Radio World* "What are the lurking dangers in compliance for radio technically? Where do you see radio stations leaving themselves open to the most risk of enforcement issues, what common mistakes do stations make?" ([Ask the Experts: Technical/Regulatory/Legal/FCC, September 30, 10:30 a.m. – 12:00 p.m.](#))

Steve Davis, Senior Vice President, Engineering and Capital Management, Clear Channel "What do you see as the most promising developments for increasing the efficiency, and thus reducing operating costs, for HD and Hybrid transmitters?" ([Ask the Experts: AM/FM/Digital Transmitter Manufacturers, September 30, 1:30 – 3:00 p.m.](#))

Chriss Scherer Editor of *Radio* magazine says, "The number of stations transmitting an HD Radio signal has been sitting at a peak just short of 2,000 stations for some time. Why has the rollout stalled and what can the industry and ibiquity do to convince stations to implement the technology?" ([Ask the Experts: The iBiquity HD Radio™ Team, September 30, 3:30 – 5:00 p.m.](#))

Dom Bordonaro, Chief Engineer of Cox Radio wants to know, "Are the loudness wars over?" ([Ask the Experts: Creative Audio Processing, October 1, 9:00 a.m. – 10:15 a.m.](#))

Cris Alexander, Director of Engineering, Crawford Broadcasting Company "Relicensing a directional array using the modeling option requires a significant amount of measurements and often adjustments to the antenna. Why would I want to go this route as opposed to a traditional proof?" ([Ask the Experts: The AM Antenna Modeling Gurus, October 1 10:30 – 11:45 a.m.](#))

Bring your questions to the Radio Show being held September 29 through October 1 in Washington, D.C. Additional information on the complete program, registration and housing is available on [radioshowweb.com](http://radioshowweb.com).

**Proposals Now Being Accepted for  
2011 NAB Broadcast Engineering Conference**

Advertisements

Las Vegas Convention Center, Las Vegas, Nevada  
Conferences April 9 – 14, 2011 // Exhibits April 14 – 11  
--Deadline for all submissions is October 22--



The 2011 NAB Show will host the 65th NAB Broadcast Engineering Conference. This world-class conference addresses the most recent developments in broadcast technology and focuses on the opportunities and challenges that face broadcast engineering professionals around the world. Each year hundreds of broadcast professionals from around the world attend the conference. They include practicing broadcast engineers and technicians, engineering consultants, contract engineers, broadcast equipment manufacturers, distributors, R&D engineers plus anyone specifically interested in the latest broadcast technologies.

In order to be considered, proposals must explain what attendees can expect to learn from the paper, must not be a sales pitch, and should be no more than 200 words in length.

We will consider topics related to broadcast engineering, such as:

### Television Engineering

- Data Broadcasting Technologies and Applications
- Television Standards Work
- Metadata Management
- Newsgathering and Field Production
- Television Transmission Systems and Maintenance
- 8VSB Enhancements
- Portable/Mobile Device Transmission and Reception
- Systems Integration
- Storage and Networking
- Broadband Technologies
- Automation Systems
- Production and Post
- Film Transfer
- Archival Technologies
- Set-top Box Technology
- Test and Measurement Techniques
- Media Asset Management
- Television Receiver Developments
- Optimizing RF Coverage
- Design and Building Studio and Transmission Facilities
- Transmitter and Antenna Technologies
- Security and Emergency Preparedness
- Broadcast Technical Standards
- Recording Technology
- Remote Systems Control
- Digital Television Developments Around the World
- Advanced Compression
- DTV Conversion - Translators and LPTV

### Radio Engineering

- Digital Radio Developments Around the World
- Remote Control Systems
- HD Radio™ Implementation
- AM Directional Antenna Systems
- Shortwave Broadcasting
- Broadband Technologies



2010 NAB Satellite Uplink Operators Training Seminar

Instructor:  
Sidney Skjei, Skjei Telecom

October 4-7, 2010  
Washington, D.C.



**REGISTER NOW**

- Centralcasting
- Audio and RF Test and Measurement Techniques
- New Receiver Technologies
- Automation Systems
- Data Broadcasting Technologies and Applications
- Security and Emergency Preparedness
- New Transmitter Technologies
- Optimizing RF Coverage
- Interference Concerns
- Audio Coding Advancements
- Storage and Networking Studio Equipment Enhancements
- Audio Processing for Production and Broadcast Surround Sound
- AM and FM Propagation Analysis
- Remote Broadcasting
- Archival Technologies
- IP Audio

The NAB Broadcast Engineering Conference is a highly-technical conference where presenters deliver technical papers ranging over a variety of topics relevant to the broadcast and allied industries. Presentations are limited to thirty minutes in length, including five or ten minutes for questions from the audience. The conference rooms are equipped with audio visual equipment that will accommodate standard computer presentations.

Papers accepted for presentation at the 2011 NAB Broadcast Engineering Conference will be eligible for the [NAB Best Paper Award](#). Established in 2010, the Best Paper Award honors the author(s) of a paper of exceptional merit published in the *NAB Broadcast Engineering Conference Proceedings*. The yearly proceedings, published as both a book and a CD-ROM is a compendium of these technical papers, and an important archive of the leading edge of broadcast engineering issues.

Technical paper proposals submitted for the 65th annual [Broadcast Engineering Conference](#) will be accepted until the October 22 deadline. If you have any questions, contact John Marino, VP NAB Science and Technology at (202) 429-5346.