

May 23, 2011



Radio TechCheck



The Weekly NAB Newsletter for Radio Broadcast Engineers

The 2011 Radio Show Engineering Program



This year's Radio Show Engineering Program, September 14 – 16 at the Hyatt Regency in Chicago, brings together the three key areas that occupy the broadcast engineer's time. A series of expert tutorials and presentations cover the challenges of creating, operating and maintaining a modern radio facility. New developments in studio design and audio production are explored during Studio/Production Day. Reflecting our evolving business, Transmission/Distribution Day offers a variety of discussions addressing traditional over-the-air and web-based program distribution. Finally, Tower Day focuses on keeping an often overlooked asset – the tower – properly maintained and prepped to become a potential revenue generator.

New technologies are helping radio broadcasters connect more effectively with a new generation of listeners. Rich websites, social media and simplified remote broadcasting are all helping stations become better resources for their communities and clients. The accompanying expansion of services creates more challenges for radio engineers and a real need to remain open-minded and technically up-to-speed.

Wednesday, September 14, 2011

9:00 – 11:45 a.m. **Studio/Production Day – The Modern Multi-platform Radio Station**

Learn about some of the most recent trends in studio facility design that will help you with your next project. Audio over IP, routing, HVAC considerations, studio acoustics, remote broadcasting, flexible/scalable designs to accommodate future needs and upgrading the control room to be social-media friendly are just a few of the topics scheduled. Tips for keeping air personalities happy round out the session.



11:45 a.m. – 1:00 p.m. *Lunch*

1:00 – 3:30 p.m. *Studio/Production Day cont'd*

3:45 – 4:30 p.m. *Radio Show Opening Keynote*

4:30 – 6:00 p.m. *Opening Reception in the Marketplace*

Thursday, September 15

9:30 a.m. – 12:00 p.m. **Transmission/Distribution Day – Operating More Efficiently**

Our experts present transmitter facility case studies, maintenance tips and tricks, plus new developments to improve efficiency and save on electrical consumption. In addition to traditional transmitter site issues, this session explores the new opportunities and challenges evolving with expanded metadata delivery and multi-platform content distribution.

12:00 – 1:30 p.m. *Marketplace Lunch*

1:45 – 2:45 p.m. [Total Radio Super Session](#), Bob Pittman, Chairman of Clear Channel Media and Entertainment Platforms and founding member of the media investment firm Pilot Group, LLC

2:45 – 3:15 p.m. *Marketplace Break*

3:15 – 4:30 p.m. *Transmission/Distribution Day cont'd*

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4:30 – 6:00 p.m. *Happy Hour and a Half*

6:00 p.m. *NAB Marconi Radio Awards*

Friday, September 16

9:00 – 10:15 a.m. **Tower Day – Management, Maintenance & Safety**
Tower construction, maintenance, safety and management are covered during this session. Discover ways to turn your tower into a potential profit center.

10:15 – 10:30 a.m. *Coffee Break in the Marketplace*

10:30 – 11:45 a.m. *Tower Day cont'd*

12:00 – 1:30 p.m. *Radio Show Luncheon*



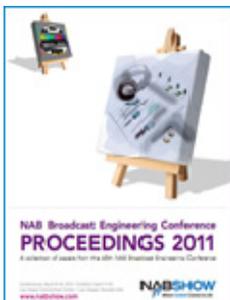
[Registering](#) before May 30 will entitle you to a \$100 discount on your registration. [The Radio Show](#) is jointly produced by NAB and the Radio Advertising Bureau (RAB). The Radio Show will include an enhanced schedule and expanded Radio Show Marketplace featuring exhibitor booths. The show program will also include a complete session schedule focusing on current issues impacting radio.

FCC to Conduct Training for Consultants on Communications Towers and Environmental/Historic Preservation Compliance

The Federal Communications Commission (FCC) is conducting a [session](#) for consultants on Tuesday, June 21, 2011 at their headquarters in Washington, DC on Communications Towers and Environmental/Historic Preservation Compliance. Training will be provided by staff from the FCC, USDA Rural Utilities Service, NTIA, FEMA and the Advisory Council on Historic Preservation.

For additional information contact [Steve DelSordo](#) and to register contact [James Swartz](#) who are both at the FCC. To attend the session you must preregister.

Now Available: 2011 NAB Broadcast Engineering Conference Proceedings



This selection of papers presented at the 65th NAB Broadcast Engineering Conference at the 2011 NAB Show include a variety of topics from ways to further implement and improve existing digital broadcasts to cloud-based technologies, emergency operations, 3DTV and the impact of innovative technologies on the broadcast industry.

Available as a book with CD. List price: \$142. NAB member price: \$120. CD-only list price: \$95. NAB member price: \$80. For details and to purchase, visit www.nabstore.com. Quantities are limited.

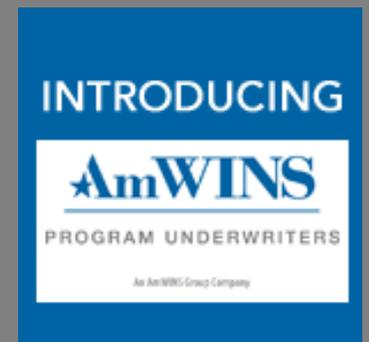
IEEE Broadcast Technology Society Extends Call for Papers Deadline

The deadline for the Call for Papers for the 2011 IEEE Broadcast Symposium has been extended to May 15, 2011. This year's Symposium will be held October 19-21, 2011, in Alexandria, Va. The Symposium Committee seeks timely and relevant technical papers relating to all aspects of broadcast technology, in particular on the following topics:



- Digital radio and television systems: terrestrial, cable, satellite, Internet, wireless

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- Mobile DTV systems (all aspects, both transmission and reception)
- Technical issues associated with the termination of analog television broadcasting
- Transmission, propagation, reception, re-distribution of broadcast signals
- AM, FM, and TV transmitter and antenna systems
- Tests and measurements
- Cable & satellite interconnection with terrestrial broadcasters
- Transport stream issues – ancillary services
- Unlicensed device operation in TV white spaces
- Advanced technologies and systems for emerging broadcasting applications
- DTV & IBOC reception issues and new technologies
- ATSC & other broadcast standards developments
- Broadcast spectrum issues – re-packing, sharing

See the [Call for Papers](#) for additional information. This Symposium is produced by the [IEEE Broadcast Technology Society](#).

Announcing the Newest NAB Member Benefit

2011 NAB Satellite Uplink Operators Training Seminar

Instructor:
Sidney Skjei,
Skjei Telecom

October 3-6, 2011
Washington, D.C.

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