

# TV TechCheck

The Weekly NAB Newsletter for TV Broadcast Engineers



# NAB LABS

## Call for Papers- 2014 NAB Broadcast Engineering Conference



The Broadcast Engineering Conference (BEC) will be held at the 2014 NAB Show in Las Vegas April 5-10. The Call for Papers is now open and will close on October 18.

The six-day conference attracts the world's leaders in broadcast technology, and has been doing so since 1946. Presenters deliver technical papers which are then published in NAB's prestigious Broadcast Engineering Conference Proceedings. Selected papers are eligible for the [Best Paper Award](#), honoring the author(s) of a paper of exceptional merit.

If you would like to submit a technical paper proposal for consideration, we offer the following guidance:

### Target Audience

Broadcast engineers and technicians, engineering consultants, contract engineers, broadcast equipment manufacturers, distributors, R&D engineers plus anyone specifically interested in the latest broadcast technologies.

### Conference Format

- Paper presentations are limited to 30 minutes in length, including 5-10 minutes of audience Q&A.
- Selected papers are grouped and presented within a particular topic area (for example, Implementing Mobile TV) as determined by the BEC Programming Committee.

### Submission Requirements

- Proposals should be no more than 200 words in length and explain precisely what attendees will learn.
- Papers promoting company products or services will not be accepted; however papers explaining the underlying technologies used in broadcast products or services will be considered.
- Proposals must be submitted by October 18, 2013 to be considered.
- Proposals will be selected for the conference in November. Notifications will be sent by December 31.

## **If Selected**

- Submitters will be responsible for providing a 150-word abstract for their paper, no later than January 20, 2014.
- Full manuscripts of the accepted paper will be due via email by January 20, 2014 in order to meet publication deadline.
- Papers must be at least 2,500 words and educational in nature. Papers must be submitted in Adobe Acrobat PDF file format. Full manuscript formatting instructions will be provided upon acceptance of submission.

## **Relevant Topic Areas**

- Advanced Technologies for Television
- Advancements in HD Radio Technology
- Advancements in Television Production
- Advancements in Transmitter Technology
- AM Band Revitalization
- Apps for Radio and Television
- Artist Experience (Graphics for Radio Display)
- Audience Measurement Technologies
- Automation in Broadcasting
- Broadcasting – A Global Technology Perspective
- Centralizing Technical Operations for Radio and Television
- Cloud Applications for Broadcast
- Cloud-Based Storage for Distribution
- Distributed Transmission Systems
- Emergency Operations – Planning and Recovery
- Engineering Case Studies for Radio
- Engineering Management in Challenging Times
- Graphics for Radio Displays
- Green Engineering
- Hybrid Radio Technologies
- Hybrid Television
- IP Network Security for Broadcast
- IP for Radio Engineers
- IP for Television
- Loudness Measurement and Control for Television
- LTE as a Broadcast Service
- M/H Technical Status, Measurement and Optimization
- Maintaining the IBOC Signal
- Maximizing Spectrum Efficiency for Television
- Media Archiving
- Mobile TV Update Domestic and International
- New Radio Data Applications
- Next Generation Sports Production and Delivery
- Next Generation Television
- Optimizing RF Coverage for Radio and Television
- Professional Development for Broadcast Engineers
- Radio Technical Challenges in Need of Solutions

- Receiver Technology - Radio in the Center Console
- Remote Monitoring of Broadcast Operations
- RFR Exposure and FAA Issues
- Security Issues for Broadcast
- Social Media and Broadcasting
- Spectrum Auctions and Repacking – Technical Aspects
- Studio and Transmitter Facilities (Construction/Upgrades/Maintenance)
- Technical Compliance Issues for Radio
- Technical Regulatory Matters for Broadcasters
- Television Quality Assurance
- Television Technical Challenges in Need of Solutions
- Tests and Measurements in the Broadcast Plant
- The Evolution of Newsgathering
- The Next Digital Transition for Television
- The TV Second Screen
- TV Anytime Anywhere
- Video File Workflow Methodologies
- Web Apps for TV

Technical paper proposals for the 2014 NAB Broadcast Engineering Conference may be submitted not later than October 18, 2013 at this [address](#).

If you have questions, contact NAB Technology at (202) 429-5346.

### 2013 NAB Broadcast Engineering Conference Proceedings

The just released 2013 BEC Proceedings feature select technical papers on the most recent developments in broadcast technology. Important topics covered include: IP for Television and Radio, Next Generation Television Broadcasting, Audience Measurement Technologies and AM Band Revitalization. [Learn more and purchase here.](#)



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