



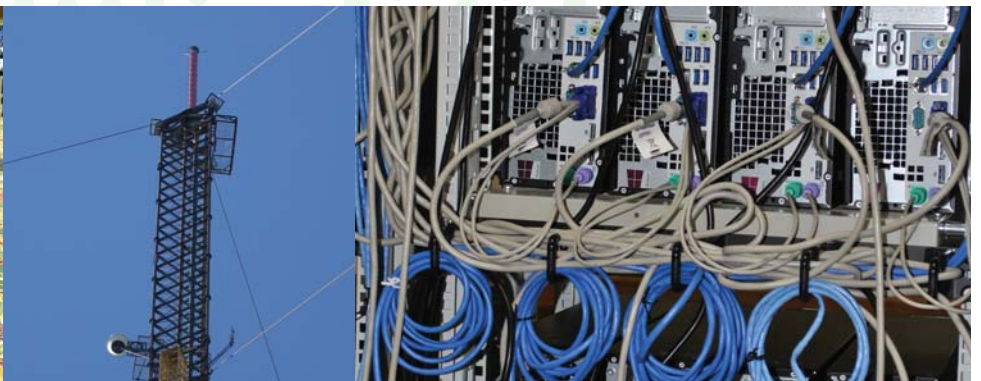
2018 WBA



# Broadcasters Clinic

**Oct. 16-18, 2018 • Madison Marriott West**

Join us in Madison Oct. 16-18 for the 2018 WBA Broadcasters Clinic and Upper Midwest Chapter Meeting of the Society of Broadcast Engineers. Broadcast technology doesn't stand still. The Clinic will connect you with other broadcast engineers and prepare you for the future. See you in October!



## Tuesday, October 16, 2018

- 9 a.m. Broadcast Equipment Virtualization is here Now** Alex Hartman and Kirk Harnack, *Optimized Media Group LLC & The Telos Alliance*
- 9:45 a.m. Analyzing Capacity requirements for Transporting Audio Over IP STLs** Tony Gervasi, *GatesAir Intraplex*
- 10:45 a.m. Reducing FM Combining Costs Using Efficient Configurations** Sean Edwards, *Shively Labs*
- 11:30 a.m. New FM Processing Technology Brings Studio Quality Audio to the Receiver** Jeff Keith, *Wheatstone*
- 1:15 p.m. HD Radio — Past, Present and Future** Jeff Welton, *Nautel*
- 2 p.m. Wireless Last Mile for Remotes** Chris Tobin, *Owner, Content Creator Solutions (CCS-IPCodecs)*
- 3 p.m. Preventing the Next Tower Disaster** Dave Davies, *Hodge Structural Engineers*
- 3:45 p.m. Prepping for a Liquid Cooled Transmitter** Don Backus, *Rohde & Schwarz*
- 4:15-7 p.m. Exclusive Exhibit Time**
- 7 p.m. Nuts and Bolts Session: Bionix and IV Soft Comparisons** Patrick Berger, Greg Dahl

## Wednesday, October 17, 2018

- 8:30 a.m. Radio Technology Update** David Layer, *NAB*
- 9:15 a.m. Personal Safety in Today's Broadcasting Environment**  
*Panel Discussion moderated by Juli Buehler, WLUK-TV News Director, including panelists Dan Shelley, RTDNA Executive Director, Tom Allen, Quincy Media Regional Vice President, David Oxenford, Wilkinson Barker Knauer, LLP, and Mike Koval, Madison Police Chief, David Devereaux-Weber, WORT Board President*
- 10 a.m. -1:20 p.m. Exclusive Exhibit Time**
- 1:20 p.m. SBE Update** Jim Liefer, *SBE President*
- 1:30 p.m. Trade Secrets of a Guy with a Network Analyzer** Jeremy Ruck, *Jeremy Ruck and Associates*
- 2:15 p.m. DC Legal Issues for Engineers** David Oxenford, *Wilkinson Barker Knauer, LLP*
- 3:15 p.m. EAS Update: Equipment, Relationships and Alexa** Gary Timm, *Chair, EAS Committee*
- 4 p.m. How Changes in the New TIA222-H Standard for Antenna Support Structures will affect Wisconsin Broadcasters** Dave Davies, *Hodge Structural Engineers*
- 4:45 p.m. Wireless Microphone Interference** Katie Miller, *T-Mobile*
- 6 p.m. SBE Meeting: Air Cooled v. Water Cooled** Jeff Welton, *Nautel* and Don Backus, *Rohde & Schwarz*

## Thursday, October 18, 2018

- 8:30 a.m. AWARN (ATSC 3.0)** Fiona A. James, *AWARN Alliance*
- 9:15 a.m. Pearl & Phoenix ATSC 3.0 test** Ray Thurber and Kent Aschenbrenner, *E.W. Scripps*
- 11 a.m. Cleveland ATSC 3.0 test** Kelly Williams, *NAB*
- 1 p.m. Repack Field Installations: What We Learned from the First Installations** Marytn Horspool, *GatesAir*
- 1:45 p.m. Tower and RF Projects: Planning and Execution** Shawn Knotts, *ERI*
- 2:30 p.m. Everything Fred Baumgartner Knows About ATSC 3.0 and the Dallas Project** Fred Baumgartner, *OneMedia*

Check our website at [www.wi-broadcasters.org](http://www.wi-broadcasters.org) for up to date information on topics, speakers, hotel information, sponsors, exhibitors, and door prizes.

