WBA Duke Wright Media Technology Institute

June 13-15, 2023 **Osthoff Resort, Elkhart Lake**

TUESDAY - JUNE 13

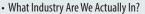
8 a.m.- 6:30 p.m. Registration

8 a.m. Continental Breakfast

8:30 a.m. Grand Libelle Ballroom D and E **Opening Remarks, Introductions, and Getting to Know You**

9 a.m. – Noon Grand Libelle Ballroom D and E

The Business of Broadcasting Tom Walker, Mid-West Family



• How Do We Keep Score?

CAPEX

Noon – Lunch (provided) Palm Garden Ballroom F - Sponsored by Nautel

1 p.m. – 5 p.m. Grand Libelle Ballroom D and E

Effective Communication and Engineering Basics

Bill Hubbard, MTI Jeff Welton, Nautel



Bill Hubbard

- Working Together to Achieve Success.
- Making The Case for Equipment Replacement and/or Repair
- Back to Basics Ohm's Law and The Math You Need to Know

5 p.m. Reception

Villa Gottfried Parlor

WEDNESDAY - JUNE 14

8 a.m6:30 p.m. Registrat i	on
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8 a.m. Continental Breakfast

8:30 a.m. – Noon Grand Libelle Ballroom D and E

It's All About the Bits – Information Technology

Essentials Brad Roybal, DNAV

Mike D (Adachi), DNAV

- Data Network Technology
- Brad Roybal
- Everything from Layer 1 to How to Make AolP work.
- Setting up an AoIP Network

Noon – Lunch (provided)

Palm Garden Ballroom F - Sponsored by Nautel

nautel

1 p.m. – 3 p.m. Grand Libelle Ballroom D and E

Surviving a Ransomware Attack

Nancy Douglass, WLKG Radio Jeff Welton, Nautel





loff Welton

Nancy Douglass

- Surviving a Ransomware Attack
- Information Security
- Virtualization

3 p.m. – 5 p.m. Grand Libelle Ballroom D and E

Radio Frequency Transmission-High Power, **High Risk, High Reward**

Steve Wilde Jeff Welton, Nautel Bill Hubbard, MTI





Bill Hubbard

- Transmitters, Antennas, Towers, Coax and Lighting
- Exciters
- Site Safety and Grounding Considerations
- VSWR Calculation, Measurement, and Impact
- RF Spectrum for Broadcasters

Join the Summer Conference

5 p.m. – 7 p.m. **Reception** *Lakeview Room and Patio*

7 p.m. – 10 p.m. **Dinner** Elkhart Lake Ballroom **Dinner entertainment: Riley Haupt**

8:30 p.m. – 10 p.m. Bonfire South Bonfire Pit





Tom Walker



THURSDAY - JUNE 15

8 a.m.-6:30 p.m. Registration

8 a.m. Breakfast

8:30 - Noon Grand Libelle Ballroom D and E

Low Power Radio Frequency Systems

Steve Wilde Jeff Welton, Nautel Scott Michaels John Pfankuch



Jeff Welton





John Pfankuch

Scott Michaels

- Troubleshooting a Radio Frequency System
- Small Scale Yet Very Important RF Systems
- Wireless Microphones
- IFB Systems
- STLs and TSLs

Noon – Lunch (provided) Palm Garden Ballroom F

- Sponsored by Nautel



1 p.m. – 2:30 p.m. Grand Libelle Ballroom D and E

I Am a Chief Operator! What Do I Do?!?!?! Tom Weeden, WBA ABIP Clif Groth, WBA ABIP Tim Laes, Midwest Communications





- Clif Groth



Tim Laes

- The Role of a Chief Operator
- Documentation and Legal Requirements
- EAS Considerations
- Preparing for an FCC Inspection
- The WBA Alternative Broadcast Inspection Program

2:30 p.m. – 5 p.m. Grand Libelle Ballroom D and E

Time for a Tour – Putting It All in Perspective Tim Laes, Midwest Communications

- Radio Station and Transmitter Site Tour – Sheboygan
- Wrap up, Feedback, and Next Steps



Tim Laes



Supported by a generous endowment from the estate of WBA Hall of Fame broadcaster, Duke Wright

> Don't forget! 2023 **BROADCASTERS** CLINIC **OCTOBER** 10TH—12TH



