

WABE Technical Training Seminar Schedule - RADIO

| Date | Time | Topic | Title | Presenter | Company | Details |
|-------------|----------------|----------------------|---|--|----------------------------|--|
| June 1 2015 | 09:00 To 10:00 | Opening | The State Of Radio | Wally Lennox 5 companies & 40+ years in the radio industry, the last 30 years in Toronto with Telemedia, Standard and Astral. Presently Director, Radio Engineering for Bell Media overseeing of engineering of 106 stations coast to coast. Involved in strategic planning, project planning and oversee radio capital spending. Participate on a number of committees - Vice Chair of the CAB TCC (radio) and others NRSC working groups and CL&F to name a couple. For fun I ride motorcycle and annoy people's ears with my guitar. | Bell Media | <ol style="list-style-type: none"> The Radio industry in Canada today and tomorrow. Some basics – some of the items that are expected on a regular basis. How the radio business is changing – facilities, automation & centralization, IT, environmental. Radio over the next 15 plus years – my view. Where and what to keep your eye. |
| June 1 2015 | 10:15 To 12:00 | Transmission | Basic AM RF, Basic FM RF Transmitter Troubleshooting Part 1 | Jonathan Owen | GatesAir | <ol style="list-style-type: none"> Overall best practice for design topology of AM/FM systems Various ways to monitor and control transmitters (IP) and remote control systems Design criteria to consider when planning for a new build or relocation Total cost of ownership of various TX platforms (Tube vs. SS) Troubleshooting best practices for AM/FM Available time for Q&A, and review of typical connections in/out of TX's Demo Intraplex 200 & FAX 1kW for reference |
| June 1 2015 | 12:30 To 14:30 | Transmission | Basic AM RF, Basic FM RF Transmitter Troubleshooting Part 2 | Jonathan Owen | GatesAir | <ol style="list-style-type: none"> Overall best practice for design topology of AM/FM systems Various ways to monitor and control transmitters (IP) and remote control systems Design criteria to consider when planning for a new build or relocation Total cost of ownership of various TX platforms (Tube vs. SS) Troubleshooting best practices for AM/FM Available time for Q&A, and review of typical connections in/out of TX's Demo Intraplex 200 & FAX 1kW for reference |
| June 1 2015 | 14:45 To 17:30 | Test and Measurement | Using Spectrum Analyzers | Edmond Zauner Edmond Zauner has 3 decades of experience as an application and sales engineer in the test and measurement as well as computer aided electrical engineering disciplines. Helping major companies such as Rogers, Bell, Ericsson, Blackberry and PMC Sierra be successful in RF, Microwave, and HS digital design and measurement. Edmond currently supports all RF and Microwave activities for Anritsu Canada. Mr. Zauner holds a BSEE and MBA from McGill University in Montreal, where he resides with his family. | Anritsu Electronics | <p>Give radio engineers a better understanding on how to use Spectrum analyzers properly to take measurements without overloading the test equipment.</p> <ol style="list-style-type: none"> Checking deviation and frequency with an analyzer. Distance to fault measurements. Band pass filter tuning. AM sampling line length matching. As a aid in low level STL transmitter tuning. Measuring STL Rx signals. The effects of BW, sweep rate etc. has on the readings. The impact of front end pads. Saving and exporting the displays. |
| June 2 2015 | 09:00 To 12:00 | Remote Control | Setup and Programming | Andrew T. Mulrooney After graduating in 1983 with a degree in electrical engineering from Laval University in Quebec City, Canada, Andrew started his career with Lab-Volt Ltd developing curriculum and manuals for AM and FM training systems designed for them by Comlab. He then spent time in a Training Manager position with a Montreal company that manufactured mobile Air Traffic Control towers and Runway Lighting systems. Returning to Quebec City in 1994 Andrew began his involvement with the Davicom systems, and was appointed Director of Technical Support and Training in 2009. | Davicom | <p>At the end of this seminar, you will be able to use the DavLink software to connect to and configure the various I/Os of a Davicom DV-Mini/208/216 Remote Control & Monitoring unit. You will be shown how the physical signals are connected to the units, and how they are combined using Boolean logic gates to perform automatic actions, generate alarm calls, and be set up to transfer report logs. A brief overview of SNMP use and terminology, as well as using Modbus devices with the Davicom will close the session</p> |
| June 2 2015 | 13:00 To 18:00 | Audio | AoIP | Jeff McGinley Jeff is a Support Engineer with the Telos Alliance. A graduate of the University of Montana with numerous networking certifications, he also has more than 20 years in the broadcasting industry working at such companies as CBS, Clear Channel, Entercom, Fisher, and a whole handful that have either gone away or been assimilated into something bigger. He currently resides in Seattle with his wife and dogs. | Telos Alliance | AXIA AoIP System and Pathfinder programming |
| June 3 2015 | 09:00 to 12:00 | Audio | AoIP | Darrin Paley With a family history in Canadian broadcasting and a degree from the University of Minnesota (hockey scholarship), Darrin entered the world of broadcasting in 1995 joining the family business Oakwood Audio later changed to Oakwood Broadcast. After working in the sales department for almost 5 years and making Audioarts Engineering consoles a household name in Canadian radio stations, Darrin was offered a Sales Engineer position at Wheatstone Corporation (Audioarts parent company) in 2001 to help pioneer the Wheatstone brand of broadcast equipment for the US West Coast and Canada. He has earned the title of Senior Sales Engineer through his sales and intricate knowledge of the product and the industry. Darrin is now a dual citizen (Canadian and US) living in New Bern, NC since 2001 and makes the annual trip to Canada for the WABE and CCBE conventions supporting dealer Ron Paley Broadcast. | Wheatstone | Wheatstone will be demonstrating live on how to assemble a WheatNet IP Blade system out of the box with no pre-programming. We will then cover our new Navigator 3 administration software form features to user operation |
| June 3 2015 | 13:00 to 15:00 | Audio | Audio Processing | Brad Danielson | Benmarks | Benmarks is a sound company based out of Manitoba. Brad is an ex broadcast engineer and he is going to speak on 3 topics, Sound reinforcement i.e. setting up that speaker in the mall. Room acoustics, i.e. studios and Microphone Processing for on air. |
| June 3 2015 | 15:15 To 17:00 | Regulatory | Regulatory | Greguy Saint-Pierre Industry Canada Regional Engineer for ~3 years overseeing the regional SC6 program. Before being appointed as Regional Engineer, Greguy was a Spectrum Management Officer at the Northern Alberta District Office for 2 years. | Industry Canada | <ol style="list-style-type: none"> General SC6 updates Regulatory Framework SC6 Compliance Information IC's SC6 Compliance Initiative Q & A |