ETA® INTERNATIONAL

PRESS RELEASE

Learn Valuable New Information about Wireless Communications

Industry gurus with timely and relevant ideas will share future-thinking insights, research, trends and educational topics that are driving the wireless communications technology industry at Education Forum 2016.

Greencastle, Oct. 21, 2015: ETA International's Education Forum (EF) is co-located with one of the industry's largest conventions for two-way radio manufacturers, International Wireless Communications Expo (IWCE). Hands-on training by industry experts leading to ETA certification, professional development short courses and a Job Training/Education Center offer attendees several options to begin, strengthen or advance their careers.

More than 7,000 industry professionals and over 370 exhibitors will come together March 20-25, 2016 for EF16@IWCE in Las Vegas, NV. Attendees represent a diverse group of professionals from the government/military; public safety; utility; transportation and business enterprise sectors.

Gain relevant insights about the future of wireless communications at the ETA Education Track:

• *The Future of 4G and Telecommunications Worldwide*
Who wins - the ecosystem or 4G network partners – will be debated. How the system is loading up - including numbers and speed, how the system will be saturated, the need for 5G and newer technologies will also be reviewed.

• *Multi-generational infrastructure in Electric Utility*
Relate to the challenges associated with utility infrastructure diversity, technology advancement and change rate/domain knowledge requirements necessary to sustain and prepare for the future.

• *Teaching the Art of Troubleshooting*
Identify practical methods of troubleshooting that can be integrated into your technology training. Learn new lab techniques for teaching troubleshooting and build your own trainers.

paper and lab troubleshooting, demonstrating faults/analysis, flowcharting and team troubleshooting projects.

• *Reimagining the Radio Dealer*

The Internet has fundamentally transformed the purchase process, including the way buyers research radio products and services. What should a radio dealer's digital transformation look like, in this new competitive landscape?

• *How Wireless will be a key driver for the Internet of Things*

Three key areas driving growth in the wireless industry include: IPv6 providing identity for trillions of devices, enterprise grade security in Windows 10 and wireless connectivity. Industries that support IoT, technology drivers, applications, security and privacy will be addressed.

• *Infrastructure Challenges & Futureproofing FTTX Challenges*

Next Generation Networking (NGN), utilizing FTTx innovation, presents incredible prospects for improved line administration providers who need to influence the higher bandwidth and new broadband services that they bolster. It is crucial that service providers use reliable systems bolstered by experienced assets and industry perceived mechanisms, frameworks and systems at every phase of the FTTx usage lifecycle.

• *Microwave – The Changing Landscape for Digital Transport*

Microwave radio is taking on a new role in digital communications. The use of IP-based microwave is creating new paths for moving backhaul and control data for all sectors of wireless communications. Once considered legacy transport consisting of a few voice grade channels or T1, microwave radio can now easily be deployed to ensure reliable high speed connectivity between critical infra-structure devices.

• *The Role of Fiber with Radios and Cell Towers*

Not only is fiber used as the backbone of the networks supplying the data to the cell sites, it also is being used to supply the radios at the top of the towers. We have gone from cell sites needing 50 to 100 meg to cell sites needing 10 to 40 gig at each site. The only way to provide this bandwidth is with fiber.

• *Educational Vectors: Magnitude and Direction in the Force*

Have you heard the expression that an electronic technician with IT training would be an ideal job candidate? If an electronic technician learns digital electronics, why is that person not recognized for computer and IT skills too? Why is a Certified Electronics Technician a good start to an IT career?

• *Smart Cars: Vehicle-to-Vehicle (V2V) Communications, Telematics and Analytics*
As vehicle automation technologies are becoming standard, the radio spectrum that connectivity uses needs to be considered. Testing is necessary to ensure that vehicle-to-vehicle (V2V) and vehicle-to-infrastructure transmissions are free from radio interference.

• *ETA: Education and Industry Certification vs Business Needs*
Are schools and continuing education bodies providing the type of education that businesses need? What relevance does post-graduation learning, continuing education and professional development have in a real business sense?

• *The Emerging of Additive Manufacturing*
The distinction between Additive Manufacturing (AM) and CNC Machining will be made along with generic AM process, including CAD, conversion to STL and transfer to AM Machine/ STL file manipulation. Development of AM technology, the process chain and industries using AM will also be discussed.

To register and learn more about session presenters, hands-on training workshops and certification, visit www.educationforum.info.

About ETA: Since 1978, ETA has issued over 150,000 professional certifications that are widely recognized and frequently used in worker job selection, hiring processes, pay increases and advancements and are often required as companies bid on contracts. ETA certifications are accredited through the International Certification Accreditation Council (ICAC) and align with the ISO-17024 standard. ETA's certifications are personal and travel with the individual, regardless of employment or status change and measure competencies of persons, not products or vendors. www.eta-i.org

About International Wireless Communications Expo (IWCE): Since 1977, the International Wireless Communications Expo (IWCE) has been the authoritative annual event for communications technology professionals. IWCE features over 370 exhibitors showcasing the latest products and trends in the industry. Over 7,000 individuals attend from a diverse group of industry professionals including government/military, public safety, utility, transportation and business enterprise. IWCE 2016 will be held March 21-25, 2016 at the Las Vegas Convention Center in Las Vegas, NV. For more information, visit www.iwceexpo.com.

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