IEEE IT Symposium Program

November 5, 2021 12 pm PDT

The presentation is recorded. **All times are EXACT.** You can come and go as you please. Each speaker will have 20 minutes of presentation with 5-minute Q&A.

12:00 pm PDT – Welcome - Announcements
12:02 pm PDT - Introduction of speakers
12:05 pm PDT - Hoot Royer on Cyber Threats in Telcom
12:30 pm PDT – Tait Covert, MSSP Managed Service Providers
12:55 pm PDT - Palak Shah - Emerging Tech IT Hiring Cyber
1:20 pm PDT - Maureen Gribble, CMRP – Ultra Sound IT
1:45 pm PDT - David Zornes, CEO Fiber Threat
2:10 pm PDT - Marcelo Guerra Hahn– Big Data - What is it?
2:35 pm PDT - Bill Cory, IT Transformation Emerging Tech
3:00 pm PDT - Shane Meyers, Managed IT Services Security & Compliance
3:25 pm PDT – Joshua Gravely IT at the Hard Rock Café
3:50 pm PDT – Closing Remarks
4:15 pm PDT – Entertainment
4:40 pm PDT
12:05 pm Hoot Royer on Cyber Threats in Telcom

A high-level overview on current threats against telecommunications and what can be done now and into the future to minimize risks against critical telecom assets and infrastructure.

Hoot Royer has over 17 years of industrial and corporate IT and telecom experience, most recently working in the electric utility industry as Information Technology Manager. Within this role, he is responsible for the security, and reliability of both IT and OT environments including SCADA, telecom infrastructure and corporate IT assets. He holds a bachelor’s degree in Information Technology from Western Governors University along with industry certifications including Certified Information Security Manager (CISM), and Project Management Professional (PMP).

Topic: Cyber Threats in Telcom - Secure Telecommunications

12:30 pm Tait Covert – Managed Services

Network Architecture, Server Architecture, Managed Services, Outsourced IT, Problem Solving, Software Support, Hardware Support, Failed Attempts at Perfection.

Topic: Managed Services

12:55 pm Palak Shah - Emerging Tech IT Hiring

Premier Emerging Tech and Cybersecurity Talent matchmaker. Find the best-in-class talent that will elevate your startup and organization. Help great companies find extraordinary professionals in Data Science, Big Data, Cloud, Product Management & Design and Cybersecurity arenas.

Networked with thousands of high caliber professionals
16 years in recruiting, challenges corporate managers face
Here are just some of the Tech domains:
- Analytics / Data Science / AI
- Cloud Architecture and Computing
- Product Management and UX/UI
- Security Architecture, Engineering, Operations and Compliance

Topic: Emerging Tech Top IT Hires (Elevating your professional brand with your LinkedIn profile and CV)
1:20 pm Maureen Gribble, CMRP – Ultra Sound IT

Electrical Safety & Inspections with Ultrasound Preventing Arc Flash-over and Safety are major concerns and challenges in maintaining all electrical assets. Ultrasound instrumentation can be used on almost any energized electrical equipment including metal-clad switchgear, transformers, substations, relays, and motor control centers just to name a few. Ultrasound instruments can be used to inspect energized electrical components that are on low, medium, and high voltage systems. This presentation will discuss what ultrasound technology is and how it is used to inspect electrical equipment such as transformers, switchgear, and substations. Different case study examples using spectrum analysis of recorded ultrasounds will be discussed to show how proper diagnosis of electrical anomalies is done through ultrasound imaging.

Director of Marketing for UE maintenance and reliability field since 2006. Role at UE Systems oversee all the marketing efforts as well as working closely with the training and sales departments. Annual UE Systems users conference, UE World, as well as other regional events throughout North America. Industry events and have also been a featured speaker. Serve on the SMRP Board of Directors as the Education Director. In this role I provide strategic oversight over all the educational programs and offerings including the Annual Conference which brings together over 1,000 M&R professionals from around the globe. Certified Maintenance & Reliability Professional (CMRP) and certified Level I in Ultrasound.

Topic: Ultra Sound IT

1:45 pm Dave Zornes – IT Fiber Network Security Breach

A Toroidal Paraboloid Reflector Provides:

Fuel Free non-Aerodynamic Aircraft That Morphs into Aerodynamic Shape for High-Speed Flight

Aircraft are Watercraft Too.

An Aerodynamic Solar Fuel Free Tube Fuselage Is an Air Screw with Hot Air Balloon Lift.

Parabolic Wind Turbine Blades are Solar Mirror Collectors Focused Along Adjacent Blades.

3D Graphene is a Gas-Tight Ultrathin Film as Strong as Diamond, but Flexible Like Cloth.

Publication: http://papers.sae.org/2010-01-1784 Clean rooms are not required when high energy magnetic fields produce 3D Graphene, so a focus to produce from an active crude oil/gas field well is being planned for commercial release. www.davidzornes.com

Topic: IT Fiber Network Security Breach
2:10 pm Marcelo Guerra Hahn– Big Data - What is it?

Big data is a field that treats ways to analyze, systematically extract information from, or otherwise deal with data sets that are too large or complex to be dealt with by traditional data-processing application software.

By using computers for an increasing number of activities we continue to produce massive amounts of data that can be analyzed and used in multiple ways. In this presentation we’ll discuss what companies are doing with this data, the positives and negatives of these processes and the ethical implications of having access to so much information.

Bio: Marcelo Guerra Hahn is the Director of Product Engineering for SoundCommerce a start up in the Seattle area working on data aggregation for e-commerce. Before SoundCommerce Marcelo worked for the Data Visualization company Tableau and Microsoft.

Topic: Big Data

2:35 pm Bill Cory, IT Transformation Emerging Tech

Sales leader with more than 20 years’ experience Bill focuses on growing a customer base through the pursuit of helping customers solve their most challenging problems. He collaborates with his team and gets highly involved in the sales process to understand the needs of his customers, and to ensure that what he has to offer is the right fit to help them solve complex IT challenges. Understanding his customer's challenges and needs is key to his ability to design a solution that will work for them, and to achieve the ultimate goal, which is to find success for his customers.

His fleet of 41 world-class data centers across 21 U.S. markets are highly efficient, redundant and secure. What’s more, his data centers offer high-density power capabilities (up to 50kW in a single cabinet), allowing condensed rack and cabinet space. He offers private, multi-tenant, hybrid and compliant cloud solutions with a vendor-agnostic approach, as well as application, database, storage, backup and recovery services. His facilities are linked by a 100 Gbps backbone and has 80 on-net carriers available, making our network services a fundamental part of our offering. Bill’s professional services and IT compliance staff can help achieve and maintain industry and regulatory compliance, as well as security, across a range of standards. Please welcome Bill Cory.

Topic: IT Transformation Emerging Tech
3:00 pm Shane Meyers Managed IT Services

We’ll be discussing the different ways a business secures their infrastructure in order to be compliant with whatever standard their particular industry requires, ie; HIPPA, PCI, etc. Often now, insurance companies have started to require certain things like MFA and other security measures, to be insured.

Bio

I’ve been in the IT industry for about 20 years beginning in Telecom and the ISP realm. I’ve worked for National and International Telecommunications providers, local and national ISP’s, was a Director of Franchise Operations and IT for an International Pizza franchise and an independent consultant before coming to Pacific Office Automation and becoming the Regional TAM Manager. I hold degrees in Cyber Security and Networking, along with many industry certifications and FEMA infrastructure disaster prevention and management certified.

Topic: Security and Compliance Managed Services

3:25 pm Joshua Gravely IT Manager Emerging Tech

Ambitious, passionate, driven, and extremely motivated individual with a strong, multi-faceted technical background who possesses self-discipline & the ability to work with collaborative teams or individually. Exposure to a wide range of technologies & able to play a key role in diagnosing hardware & software problems & to ensure quality solutions meet business objectives & operations. Exemplary attention to details & having the ability to organize and present complex solutions clearly and efficiently. Successful record of building partnerships with business clients, vendors, & colleagues for projects in the 3D, hospitality, & entertainment industries. Strong ability to work both independently or with a team on projects with deadlines. Possesses a determination & drive to research, develop, & implement new processes for more efficient technology project completion & innovation.

Topic: IT at the Hard Rock Café