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Audio Engineering Society - Pacific Northwest Section

Around the Puget Sound, Seattle, Washington, U.S.A.

September / October Meeting Notice

Presented by
The Pacific Northwest Section
of
The Audio Engineering Society

Digital Audio Transport in an Ethernet World Steve Macatee - Rane Corporation Mukilteo, WA

Thursday, September 22, 2011

Join Steve Macatee of Rane Corporation for our September meeting and spend a couple hours in the Audio-over-Ethernet world, both reviewing the basics and diving in to networks a little deeper as they apply to transporting digital audio. We'll establish a baseline of understanding so we can then review a few Audio-over-Ethernet technologies to compare and contrast their pros and cons for various applications. [...more](#)

Bill Putnam — His Work and His Legacy Bob Bushnell and Jerry Ferree

Tuesday, October 4, 2011
Shoreline Community College

An insider's look at the recording business in its heyday - 1950 to 1975. United Recording in Hollywood is the studio, and it was founded by audio legend Bill Putnam. Both Bob and Jerry were there, working closely with Putnam during this formative time of our industry. [...more](#)

Wifi | Whitespace | Wireless Mikes Can they coexist? Dr. Ranveer Chandra - Microsoft Research and George Nychis - Carnegie Mellon University

Tuesday, October 11, 2011
Microsoft Research, Redmond

The TV white spaces offer an exciting opportunity for increasing spectrum availability by reusing spectrum not in active use by TVs and wireless mics. While it is simpler to detect TV transmissions, either using sensing or through the whitespace database, the detection of wireless mics is particularly challenging. [...more](#)

Digital Audio transport in an Ethernet world

Thursday, September 22, 2011, 7:30pm
Rane Corporation, Mukilteo, WA

[Directions to Rane](#)

Like it or not, audio folks these days need to know a bit of Ethernet to do their jobs.

Join Steve Macatee of Rane Corporation for our September meeting and spend a couple hours in the Audio-over-Ethernet world, both reviewing the basics and diving in to networks a little deeper as they apply to transporting digital audio. We'll establish a baseline of understanding so we can then review a few Audio-over-Ethernet technologies to compare and contrast their pros and cons for various applications.

What you'll learn:

- Tools and visual methods to understand and aid troubleshooting packetized transport of Audio-over-Ethernet
- Review how subnet masks and IP Addresses work together to form network neighborhoods
- Better understand why firewalls make talking to Ethernet audio devices difficult and how to stop pulling your hair out accordingly
- Why managed network switches pay for themselves on the job site
- Why IT guys always talk about the OSI Reference model's layers and why basic knowledge of this can win you friends
- Review why there's so much marketing buzz behind Ethernet AVB

PS: ONE NIGHT ONLY - AFTER EVENT SPECIAL: By attending this meeting, you'll get 5 cents off the Nickel Rane Factory Tour. Yes, you read that correctly - that's 100% OFF! There's no free lunch, but there is a free tour. If it says Rane on it, it was designed, engineered, built, tested, and is actually worth getting repaired (often in 2 days or less) at the one and only Rane Galactic Headquarters, Mukilteo, Washington, USA.

Dan Mortensen

AES PNW 2011-2012 Section Chair

n.b. The material presented at our meetings is the opinion of the presenter and not necessarily that of the Society. You are encouraged to conduct your own research and to form your own opinions before adopting the presented material as Truth.

Our meetings are open to anyone interested in Audio. AES membership is NOT required for you to attend our meetings.

2011-12 Officers

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Last modified 09/13/2011 11:14:38.