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IEEE BUENAVENTURA CHAPTER ELECTROMAGNETIC COMPLIANCE / CONSUMER ELECTRONICS

The Balanced Interface

Part II with Bill Whitlock

Tues Jun 2, 2015 at 6:30 pm

CLU – SWENSON 101

The Balanced Interface. Although it's perhaps the most powerful tool we have to preserve signal integrity in systems, myths about it's design and application abound and even appear in many textbooks. However, challenging traditional views has created a few disagreements over the years, but Bill Witlock's logical evidence-based arguments have always prevailed. The presentation will draw on 40 years of experience in professional audio, the last 25 specializing in interfacing and grounding issues, to dispel the myths and misconceptions. Basic theory will be briefly reviewed and results of recent research reviewed. Several real-world examples of how new strategies based on this research have solved long-standing problems.

Bill Whitlock has held circuit and system design positions at Quad-Eight (recording console maker), Laserium (laser light show producer), Capitol Records, and Jensen Transformers. He holds 5 patents and is a Life Fellow of the Audio Engineering Society and a Life Senior member of IEEE. He has authored several book chapters and numerous magazine articles, contributed to several AES and IEC standards, lectured at many universities (including MIT), and is a popular teacher at AV industry trade shows. He is now a consultant and lives in Oxnard, CA.

Location: California Lutheran University
SWENSON 101
60 West Olson Road, Thousand Oaks
(see map on next page)

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Directions from Ventura:

Take the Ventura Freeway 101 South.
Take Lynn Road Exit, turn left, drive 2.9 miles.
Lynn Road turns into Olsen Road, drive .9 miles.
Turn right onto Mountclef Boulevard - the University is on the right
Turn Right onto Faculty Street
Park on Faculty Street or adjacent streets.

Directions from Los Angeles:

Take the Ventura Freeway 101 North.
Take Lynn Road Exit, turn right, drive 2.9 miles.
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