

Lightning 1



Date & Time:

September 13, 2011

6:00pm – 9:00pm

New Location:

DeVore Technologies, Inc.

3593 Green Rd.

Commerce Park Four

Suite 525

Beachwood, OH 44122

440-232-3846

Agenda:


*Catered meal provided!

*Opening Remarks

*Lightning 1 Talks

*Networking

Who Is Invited?

Anyone interested in this topic, although priority will be given to registered members of  or



CPD

One (1) Credit Available

Bring your flyer for credit

Space is limited

To reserve your seat please

RSVP at:

www.clevelandieee.org/rsvp/lightning1

We're excited to announce the next IEEE Cleveland Computer Society/FENEEO event, 'Lightning 1'. Chris Cole's inspiration; we plan on holding four very focused 15 minute talks by four different IEEE Cleveland Computer Society and FENEEO members.

This event will be held in **Beachwood, Ohio** for a number of reasons including most importantly its more central location to the majority of our membership. Devore Technology's office is also the location we plan on holding firmware training classes and they have cordially allowed us to use the facility.

With that said, I want to make sure we show our appreciation to LeanDog for sponsoring our past events, so we will be collecting donations for next year's **Cleveland GiveCamp** program (*Cleveland GiveCamp's fiscal sponsor is the IEEE Cleveland Section*).

Be sure to bring in this flier to receive 1 CPD credit.

When UNIX was a Pup by Dr. Robin Lake

Robin was a UNIX pioneer, obtaining one of the first UNIX licenses from Bell Labs for Case. As Director of the Computer Applications in the Health Sciences graduate training programs at Case, he based the training programs on UNIX, C, and RDBMS in the early '70's. As a designer of interfaces for the computer peripheral industry in the '70's, he did micro-coding for the Z80 and TI's DSPs. He invented the solid-state disk and an extremely fast data acquisition subsystem based on it. As a Group Leader and Sr. Technical Specialist at Sohio, he evangelized UNIX within Sohio, which led Sohio Oil to develop the then world's largest retail UNIX system for Europe. UNIX and Dr. Lake's C-based Software Toolkit enabled very rapid development of many major analytical systems, including Quality of Care, Risk Management, and Quality of Investment. Now retired, he takes on occasional consulting assignments..

Software in the Hardware World by Mike Dahlhausen

Mike is Hardware/Software Engineer with Bird Technologies. He will highlight the opportunities of software engineering in the world of FPGA development with a focus on executable specifications, virtual system prototypes and verification.

Real World Examples of Using Open Source Tools in Embedded Development

by Christopher Cole

Christopher Cole has been programming C and assembly language since the age of 12. Christopher has held various hardware and software engineering positions since graduating with a BSEE degree in Electrical Engineering from the University of Akron in 1997. He has written numerous device drivers for PDA's, Smartphone's and other battery-operated devices. Among his recent projects, he has designed and developed the electronics and embedded software for the eDisc, an intervertebral replacement lumbar disc. Now running his own successful engineering consultancy, Christopher continues to design micro-electronics and develop embedded software that runs on those designs, with a particular focus on embedded Linux and medical devices.

TDD for Kernel Module Development by Nick Barendt

Nick is an independent developer, specializing in cloud computing and embedded systems.



Celebrating 125 Years
of Engineering the Future

This is to certify that _____ attended this seminar. Certified by _____. Certificates of attendance and other evidence of CPD activity should be retained by the attendee for auditing purposes.