

IEEE 802 LAN/MAN Standards Committee Plenary Session
“July 2009 Tutorials and Call-For-Interest Meetings”
Monday July 13, 2009

Tutorial #1

Date: Monday July 13, 2009

Time: 6 – 7:30 pm

Location: Grand Ballroom A

Title: Standards in Engineering Education

Sponsored by: Paul Nikolich, IEEE 802 Chair

Presenter(s) Name:	Affiliation:	Email Address:
David Law	3 Com/Std Edu Cmte	David_Law@ieee.org
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Abstract:

The Standards Association and the IEEE Educational Activities Board have created a Standards Education Committee with the following mission:

- (1) Promote the importance of standards in meeting technical, economic, environmental, and societal challenges;
- (2) Secure and disseminate learning materials on the application of standards in the design and development aspects of educational programs;
- (3) Secure and provide short courses about standards needed in the design and development phases of professional practice;
- (4) Actively promote the integration of standards into academic programs;
- (5) Lead other education initiatives planned jointly by EAB and the SA as needed.

This tutorial will serve to explain the mission and charter of the Standards Education Committee, highlight IEEE's interests in education about standards, provide a forum for discussion on incorporating the teaching of technical standards into the curriculum of academic programs in engineering, technology and computing, as well as invite support from 802 members to help develop resources and material to provide short courses and learning material in the application of 802 standards.

Tutorial #2

Date: Monday July 13, 2009

Time: 7:30 – 9 pm

Location: Grand Ballroom A

Title: Energy Efficiency and Regulation

Sponsored by: David Law, 802.3 WG Chair

Presenter(s) Name:	Affiliation:	Email Address:
Bruce Nordman	Lawrence Berkeley National Laboratory	BNordman@LBL.gov
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Abstract:

This tutorial will examine public policy angles on networking, addressing mandatory regulations, voluntary programs and what the public sector could and should do in future, covering activities in the U.S. as well as elsewhere in the world.

We will then summarize activities across IEEE 802 that address energy such as the IEEE P802.3az Energy Efficient Ethernet project, the various power-saving features of IEEE Std, 802.11 and 802.16, uses of LLDP the role of IEEE 802.1 AVB, and how to address power states of entire products.

We will review test procedures under development for network and telecom equipment.

Finally, we will suggest some possible future directions for technology and policy, consider what IEEE should (or should not) do, and open the floor for discussion.

Call For Interest

Date: Monday July 13, 2009

Time: 9 – 10:30 pm

Location: Grand Ballroom A

Title: 10GBASE-CR1 Call for Interest

Sponsored by: David Law, IEEE 802.3 WG Chair

CFI Contact	Affiliation:	Email Address:
Chris DiMinico	Leoni Cables and Systems	CDimi80749@aol.com
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Abstract:

This Call for Interest (CFI) proposes the use of IEEE P802.3ba Clause 85 (40GBASE-CR4 and 100GBASE-CR10) to specify 10GBASE-CR1, a low-cost physical layer copper option for 10 Gigabit Ethernet. The CFI is supported by individuals from companies in the telecommunications industry, who will demonstrate the market need, technical feasibility, and broad support for forming a Study Group.