



# IEEE *IEEE* *Edmont Potential*

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Section Web page: <http://ewh.ieee.org/r3/piedmont/>

Council Web page: [http://www.ieee.org/sc\\_council](http://www.ieee.org/sc_council)

Today's Engineer: <http://www.todaysengineer.org>

## NEXT MEETING

### **Introduction to Arc Flash**

Louis G. Hapeshis

Thursday, March, 23

This presentation will be an introduction to Arc Flash and Electrical Workplace Safety. This discussion will, describe an Arc Flash Incident, show examples, and identify some of the causes. We will also discuss the steps involved in performing an Arc Flash Study, and the personal protective equipment needed to work on equipment. The NFPA70E, OSHA, NEC, and IEEE standards relating to Arc Flash will be introduced.

More information on Arc Flash can be found here: <http://www.squared.com/arcflash>

Meeting Details:

6:30pm Dinner/Social 1/2 Hour

7:00pm Meeting begins

Dinner will be served from Fatz Cafe. Dinner is \$10 for members and guests, \$5 for unemployed members and guests, and free for students. The meeting location is ECPI College of Technology, 1001 Keys Drive #100, Greenville, SC 29615. Please email Jerry Clark if you plan to attend and especially if you plan to eat. He will be ordering the food and needs to know how much to buy. Jerry's email address is: [jclark89@hotmail.com](mailto:jclark89@hotmail.com).

Directions: ECPI is located just off I-385 in Greenville. Coming

from I-85, take the Roper Mountain exit and turn left. Take the next left onto Frontage Road. ECPI is in the old IKON building between Roper Mountain and Patewood. The Mapquest map seems to be pretty decent.

### **Accelerate Your Career at the IEEE Spectrum Online**

#### **Forum**

The Institute

On 11 April, IEEE Spectrum will host its second online Career Accelerator Forum. The forum, which is free, will offer advice on subjects such as earning an advanced degree, staying ahead in your field, landing your dream job, and changing your career. During this interactive event you can also ask questions of a panel of experts from the convenience of your computer. For more information and a list of panelists, visit

<http://boldfish.ieee.org:80/u/2366/00945600>

To sign up for the forum, go to <http://boldfish.ieee.org:80/u/2367/00945600>

### **Cell Phones in Flight -- Tell Us What You Think**

The Institute

Can radio frequency emissions from wireless devices interfere with an aircraft's critical flight control and navigation systems? Researchers from Carnegie Mellon University, in Pittsburgh, underscore the need for more research as they reveal their

latest findings on the possible hazards of using a cell phone or wireless device on an airliner in flight. Share your opinion on this controversial subject -- vote in the online poll on the IEEE

Spectrum Online homepage <http://boldfish.ieee.org:80/u/2370/00945600>

Read the Spectrum article here: <http://boldfish.ieee.org:80/u/2371/00945600>

### **Calling All Entrepreneurs**

IEEE-USA Today's Engineer

IEEE-USA Committee Serves as Resource for New, Existing Entrepreneurs; Launches Specialized Web site.

A new committee created to deliver knowledge, experience and support to entrepreneurs and entrepreneurial businesses has been created by IEEE-USA. The committee is launching a specialized Web site, called "IEEE-USA Entrepreneurs' Village," that is designed to provide both new and existing entrepreneurs tools they need to foster innovation and growth. According to IEEE-USA Entrepreneurs' Activities Committee (EAC) Co-Chairman Mauro Togneri, 85 percent of all innovation comes from small business. The committee's objective is to help the United States maintain its competitive position in the global marketplace by providing new resources such as the "IEEE-USA Entrepreneurs' Village" for entrepreneurs and their businesses. For more

information, visit the "Village" at <http://boldfish.ieee.org:80/u/2299/94410>

**PBS Seeks Engineer Co-Host for "Design Squad" Engineering Reality TV Program**

IEEE-USA Today's Engineer

WGBH Boston is seeking two co-hosts for "Design Squad," the working title for a new PBS engineering reality TV program aimed at 9- to 12-year-olds, which will begin shooting this summer in Boston. During the

program, two teams of real-life high-school youngsters (not actors) compete using their problem-solving skills to design, construct, and test functional, whimsical machines. The engineer co-host must have an engineering degree or basic engineering education; a "natural and spontaneous nature"; and be comfortable in a learning/teaching environment with teens, as well as in front of a camera. For more information on applying, go to <http://boldfish.ieee.org:80/u/2303/94410>

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For a peek at a pilot of "Design Squad," see <http://boldfish.ieee.org:80/u/2304/94410>

IEEE-USA is seeking contributions to promote public awareness of engineering, through programs such as "Design Squad"; more information is available at <http://boldfish.ieee.org:80/u/2305/94410>

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