



Michelle's Minutes

The last few weeks have been quite busy. On Saturday, February 27, several of our members were at the Carnegie Science Center for Engineers Weekend. This year, eighth graders from eight area schools participated in the annual robot car race. Each team was given parts they could use to design and test with. The cars were programmed using laptop computers made available to the teams. Each team had about 3 hours to design and test their car. The goal was to design a car that could navigate a 500cm track that included straight and curved sections. Qualifying runs were done to generate the seeding, and the races were under way. Congratulations to all of the teams that participated, and especially to the team from Mt. Lebanon's Jefferson Middle School that won.

On March 6 and 7, I had the honor of representing the Pittsburgh Section at the IEEE Region 2 meeting in Washington DC. It was good to hear what the other sections are doing. One of the topics discussed is a meeting later this year that would involve several of the surrounding sections.

I hope to see many of you at the History Dinner later this month. We will take a few minutes to honor our members that have been named fellows throughout this past year. A discussion on the history of Pittsburgh's bridges should be of interest to all. The history dinner is always an enjoyable evening.

Also, mark your calendars now for the fall picnic on Saturday, September 18 at South Park. We had a great time last fall with our families. Softball and volleyball games were played, and activities for the kids were enjoyed.

- M. Antantis



Pittsburgh Section Annual History & Awards Dinner

Pittsburgh's Bridges

MaryAnn Eubanks
Pittsburgh History and
Landmarks Foundation

C.A. Eubanks
Westinghouse Electromechanical
Division

The history of Pittsburgh bridges will be the topic for the Pittsburgh Section Annual History and Awards Dinner. Please plan to attend this enjoyable and informative evening.

Agenda

- 6:30 Social
- 7:00 Dinner
- 7:45 Section Awards
- 8:00 Program
- 9:00 Adjourn

Place: APICS Castle, Wilmerding

Date: April 22nd, 1999

Cost: \$20.00 per person or \$35.00 per couple

Menu

- Chicken Saltimbocca or Stuffed Beef Rolls
- Green Beans Almondine
- Twice Baked Potato
- Tossed Salad
- Dessert Tray

For reservations or additional information, contact Tom McDermott (412) 650-9719 (temcdrm@ibm.net). Advanced payment is requested by April 19th. Please make check payable to "Pittsburgh Section IEEE", and mail it to Tom McDermott, 1800 Jefferson Ridge Drive, Clairton, PA 15025. Be sure to indicate your entrée choice and include a phone number or e-mail address. There is no charge for just attending the program.



Industry Applications Society

480 Volt Adjustable Frequency Drives A Panel Discussion

The development of advanced power electronic switching devices has improved the performance of pulse-width modulated (PWM) inverters for powering induction motors. Panel members will discuss machine performance, design features, application criteria, and control systems for the solid state drive systems. Discussion topics will include: switching devices – features and performance; programmability – features and interfaces; filtering requirements – Input and Output; drive system protection, and dynamic braking.

The panel will consist of engineering personnel from several manufacturers of 480 volt drives and will provide the audience a good understanding of the technological advancements made in the last few years.

Place: ESWP - Engineering Society of Western Pennsylvania
337 Fourth Avenue, in the Golden Triangle

Date: April 20th, 1999

Program: 7:00 PM

There will be coffee, soda, and fellowship in the meeting room starting at 6:30 PM. For additional information contact Marty Micko (412) 487-8235 (mmicko@benshaw.com) or Steve Swencki (412) 578-2725 (swincsj@ch.eten.com). Low cost parking after 4:00PM

Transformer Tutorial: Forty persons have registered for the Tutorial. It will be held Monday, April 5th and 12th, at the Holiday Inn East, Brinton Road, Exit 11 off the Parkway East. Sessions start at 7:00PM.

May Meeting: Tuesday, May 18, a Tour of the Allegheny Power System Control Center at Cabin Creek, near Greensburg. Details in the May Bulletin.

1998-99 Pittsburgh Section IEEE Program Calendar

Group/Society	September	October	November	December	January	February	March	April	May
ExecCom M. Antantis (412) 393-2648	17 Point Park	15 Point Park	19 Point Park	17 Point Park	21 Point Park	18 Point Park	18 Point Park	15 Point Park	20 Point Park
Section Mtngs M. Antantis (412) 393-2648	26 Fall Picnic					National Engineers Week		22 History Dinner	
Upper Mon Larry Hornak (304) 293-6371									
Industry Applications Harry Hagerty (412) 487-8235	22 Power Cable for AFAC Drive	20 Fuses & Applic.				16 Panel Discussion with Students	16 Comm. & Modern Process Control	20 Panel Discussion Small AFAC Drives	18 Industrial Tour
Magnetics Sara Majetich (412) 268-3105									
Computer Gerry Kunnik (412) 393-8278									
Communication Rich Thompson (412) 624-9423									
Power Eng. Gregory Reed (724) 772-2158	22 Power Cable for AFAC Drive								
Membership Jim Karn (412) 732-9000									
Signal Process Pat Loughlin (412) 624-9685		6-9 Sig Proc. Conference					1 Multimedia Sig Proc.		
PACE Joe Kalasky (724) 838-6492									

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