



ELECTRON

Institute of Electrical & Electronics Engineers, Inc.

THE IEEE CHARLOTTE SECTION NEWSLETTER

April 2000
Volume 17
No. 2

THE COMMUNICATIONS SOCIETY PRESENTS GIGABIT ETHERNET AND LAYER 3 SWITCHING

REVOLUTIONIZING THE ENTERPRISE AND BEYOND

Our guest speaker is James Guyton of Extreme Networks, the worldwide leader in Layer 3 switching. The presentation will focus on the emergence of Gigabit Ethernet and Layer 3 switching as the predominant technology in the enterprise and at the network edge, and the inherent advantages of switching in silicon over software routing. The presentation will also cover how enterprise switching is driving the development and delivery of new internet business opportunities like web-hosting, application hosting, and e-commerce.

Mr. James Guyton of Extreme Networks is a Senior Systems Engineer and has over 10 years experience in the computer and networking industry. During the last 6 years, he has been involved in the design and implementation of high-speed LAN and WAN networks.

Date: Thursday, April 27, 2000

Time: 6:00 PM Refreshments
6:30 PM Presentation

Location: O.J. Miller Auditorium
Duke Energy Center
526 S. Church Street

Parking: Park in the lot behind the Energy Center building (on Mint Street). At the lift gate, inform Security that you are attending and IEEE meeting in the O.J. Miller Auditorium.

Contact: Robert Beazley 892-1477 consulting@ieee.org

Reservations are not required and refreshments will be served.

Coming Soon:

Life Member Chapter in the Charlotte Section

Planning is underway for a kickoff meeting for the establishment of a Life Member Chapter in the Charlotte Section. The kickoff meeting will include a luncheon and a short program discussing the activities that may be of interest to Life Members, using the experiences of Life Member Chapter in other sections as examples. There is a possibility of visiting Bank of America headquarters to learn something of their vast data network.

Watch for further announcements as the plans get underway. All the retired IEEE members are invited whether you are a life member or not. If you have any ideas contact Dick Jaeger at (704) 895-3693 or by e-mail at r.j.jaeger@ieee.org. Dick Jaeger is our Charlotte Section Life Member Chair.

Develop your leadership skills. The Charlotte Section is always looking for a few good volunteers. The following positions are open:

Arrangements Chair
Student Activities Chair
Membership Development Chair
History/Archives Chair
Educational Chair
Professional Activities (PACE) Chair

If you do not desire to Chair a committee you are welcome and encouraged to serve on the following Societies Committees: Communication Society, Computer Society and Power Engineering Society.

If anyone is interested in any of these positions please contact Natalie Sayles by phone 875-4895 or e-mail nsayles@bellsouth.net. We hope you will join us.



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ELECTRON INFORMATION & COMMENTS

Send information you would like to have included in the newsletter to:

Paul Colaianni, ELECTRON Editor
Duke Energy Corp.-EC12R
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p.colaianni@ieee.org, 704/382-5632

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IEEE COMPUTER SOCIETY Presents

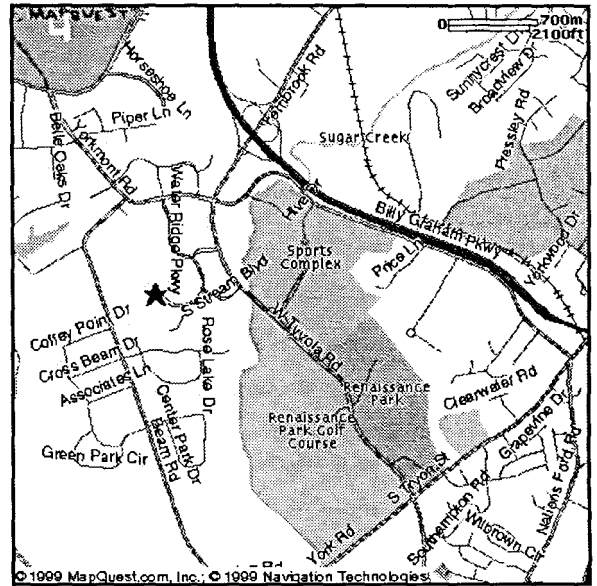
DESIGN YOUR OWN WEBSITE MICROSOFT FRONTPAGE98 SEMINAR

This tutorial will help to understand the basics of Microsoft FrontPage98 Web Design Software. Dave Alumbaugh, Microsoft's Technical Account Manager, will be providing a presentation to help understand how to design your own web site, using FrontPage software.

Date: **WEDNESDAY, MAY 10th**
Time: **7:00 to 8:30 PM**
Location: **Microsoft Cafeteria**
2110 Water Ridge Pkwy, Charlotte

- Refreshments & snacks will be provided
- Reservations are not required

For more information:
Bill Eldridge, 357-0004, eldridge@msceng.com



LIFE MEMBER CHAPTER KICKOFF LUNCHEON MEETING

Date: **TUESDAY, MAY 23rd**
Time: **12 Noon** – Luncheon (Be Our Guest for this initial meeting)
★ Reservations Required by MAY 4th
1:00 PM – Bank of America Data Networks Talk
2:00 PM – Short Business Meeting

Location: **Woodlawn Holiday Inn, Carlyle Room**
212 W. Woodlawn Rd. at I-77 exit 6A, Charlotte

★ **Reservations:** **Dick Jaeger, (704) 895-3693**
(If no answer leave a message with your name and phone number.)

Come and enjoy talking engineering with other retired engineers. Engineers have a unique perspective on life in general and technical issues in particular. Where else can you find those with whom to share old engineering war stories?

IEEE CHARLOTTE SECTION Meeting

NETWORK AND SYSTEMS MANAGEMENT AN OPEN SOURCE REVOLUTION IN ENTERPRISE MANAGEMENT

Steve Giles will discuss the effect of the open source revolution on network/systems management and compare technology in commercial platforms to open source alternatives. Emphasis is on the four value cornerstones of open source network management: speed, price, customizability and technology.

SPEAKER: STEVE GILES

Steve is a certified OpenView and IT/O consultant and has taught OpenView Basics and Advanced OpenView to over 2000 students. Steve speaks regularly on network management and business topics at international user groups and industry events. Steve's recent focus is on Open Source network management at OpenNMS.org.

Steve received a B. S. degree in Computer Science from Vanderbilt University in 1980 and joined Hewlett-Packard in 1982. Steve resigned from Hewlett-Packard in 1992 to pursue independent consulting and co-formed Onion Peel Software in 1994. Steve formed N*MANAGE in 1999 and launched OpenNMS.org in late 1999.

Date: **WEDNESDAY, MAY 17th**

Time: **6:00 PM** – Refreshments, **6:30 PM** - Presentation Starts

Location: **Duke Energy Center, O. J. Miller Auditorium**
526 S. Church St., Charlotte

Parking: Park in the lot behind the Energy Center (enter from Mint Street). At the entrance lift gate inform Security that you are attending and IEEE meeting in the O. J. Miller Auditorium.

★ **Prerequisite:** In order to get full benefit from the presentation, attendees are expected to understand basic network management concepts and be able to relate to the problem of managing networks.

For More Info: **Tracy Blackmon**, (704) 382-5692, trblackm@duke-energy.com



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