IEEE Region 3
Newsletter

IEEE

Volume 12, Number 3   **Fall 1997**

IEEE SoutheastCon '98
Engineering For A New Era
Call for Papers
April 24-26, 1998

Hyatt Regency - Orlando International Airport - Orlando, FL

Southcon '98
Electronics Trade Show and Convention
March 24-26, 1998
Orange County Convention Center - Orlando, FL

IEEE Power Engineering Society - 1997 Winter Power Meeting
February 1-5, 1998 - Tampa, FL

DIRECTOR'S MESSAGE

Jim Beall

While it is mid September as I write this, we are coming to the end of an exciting two years as the Director of Region 3 and member of the IEEE Board of Directors. There are many people to thank for this term, some of whom I will be able to thank in person.

To you, the members and the grass roots, let me say a BIG Thanks. It is you that have motivated and helped the IEEE move ahead. 1 January 1998 marks the start of a reordered IEEE. The new bylaws are in place, and the things necessary to move ahead are in process.

As you read this, you should have voted for 1998 IEEE President Elect, Region 3 Director Elect and, for the first time ever, President of IEEE-USA which comes into official being 1 January 1998. There are three constitutional amendments that need to be considered to move the Institute forward. If for some reason you have not done so, please find the ballot and VOTE.

As we look forward to the 21st Century, we find a continuing expansion of man's knowledge and desire. To meet this challenge, it is going to take all the new ideas and young persons it can gather. If you have not seen it, get your section

officers to run the video "Vision 21"

I encourage the Section Chairs to give us your input to the future affairs of the region. This is easily done by working with your Area or Council Chair. May I also ask you to look carefully to see if there is a special project that needs doing to benefit your members. It is time

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to develop the 1998 region budget.

The last Region 3 Executive Committee meeting of the year will take place in Huntsville, AL, 15-16 November. At that time, we expect to hear final reports and results from ExCom members.

Dale Caston, the Region 3 Director for 1998-99, is working on assembling his team. If you wish to help, contact him at the address in the back of the newsletter.

Reach out to your fellow engineers and ask them to join you. The IEEE is for all engineers at all levels, including students. I encourage you to be an active participant in IEEE and society.

DIRECTOR-ELECT

Dale Caston

There is an important election taking place. Very soon, you will receive your ballot (if you have not received it already) and you should cast your vote for a new Director Elect for Region 3. There are three good candidates on the ballot, so be sure and vote and also vote on any IEEE bylaw changes.

The Nominations and Appointments Committee and myself have been putting together candidates for the 1998 Region 3 Executive Committee. We have tried to get some new members involved and the response has been good. There are needs for vice chairs and committee members. Please let Dave Conner or me know which committee you would like to work with next year.

The Sections should start planning now to have representation at the next SoutheastCon, which will be in Orlando, Florida. Information about the dates, site and program is elsewhere in this newsletter. As in the past, the Region will cover the expenses for a section officer and one PACE person to attend the Region meeting. Section Chairs can submit nominations for the Exemplary Section Award

anytime up to 6 months from the end of the Section year. Should your section need assistance in the preparation of this nomination, contact Dr. Charles Hickman at Email address **c.hickman@ieee.org**. I am sure there are many sections doing exemplary work that are not being recognized because the nomination forms were not submitted.

Section leaders and the Region Executive Committee should start setting down goals for 1998. It would be good for the EXCOM to include their goals in their next newsletter article. We have a plan in place to track goals and objectives and think this will benefit our organization.

SECRETARY

Cullen Wright

I have often said that the secretarial position in any organization is the most demanding. Of course, the other officers will not agree ! Effort expended in obtaining reports and writing minutes takes a lot of time. However, the new approach of receiving by e-mail and subsequent filing to disk has made things easier ——and a lot less bulky to pass on to the next secretary.

The largest effort came at ballot time: nine pages of bio's (X 60), 120 return address labels and 60 address labels generated and affixed, and 180 stamps applied - all collated, stuffed , "licked", and mailed. I recommend that in the future a confidential e-mail (but also snail-mail for the non-computer types) ballot be considered. I'm sure the Nominating Committee can come up with a format and ruling to assuage the bylaw custodians.

However, I have enjoyed working with the EXCOM over the past 15 - 20 years. I expect this to be the last, after all I have been a member of the Institute longer than many of the members have

lived - so it is time to hang up my notepad.

TREASURER

Reed Thompson

Region 3 began 1997 with funds on hand of \$189,538. During the first 8 months of 1997, we have had income of \$107,337 and disbursements of \$74,513. This results in current funds on hand of \$222,362. Funds are held in the following accounts:

IEEE Long Term Savings Acct	\$94,476
IEEE Concentration Acct	\$115,251
Wachovia Money Mkt Acct	\$12,635
Wachovia Checking Acct	closed
TOTAL FUNDS ON HAND	\$222,362

Our experience since initiating the IEEE Concentration Account one year ago has been very favorable so our local checking account has been closed. This arrangement is recommended to other entities in Region 3.

On the next page is a summary of the Region 3 financial operations for 1997 through September 1 compared to the budget for the year.

Adequate funds continue to be available to support all the budgeted projects for 1997. All project leaders are encouraged to proceed with all deliberate speed to complete the planned projects during 1997.

NORTH CAROLINA COUNCIL

Marvin Neiditz

The NC Council met September 8 at the North Carolina Symposium and Exhibition 97, a day long tutorial session on Wireless Communications. Over 100 attended the sessions presented by Bell South, Lucent Technologies, Ericsson, Nextel, and RF Micro Devices. Eighteen new IEEE members were signed as a

result of the disounted rate for PEs and IEEE members. By paying the full rate (the professional rate plus $55) the non-members filled out application blanks and were signed in for membership thru this year. The Council elections were held with the following officers for the period 1998 -99: Chairman - Dr. Silvia Middleton, PO Box 520, Newell, NC 28126, sgm@uncc.edu, V. Chairman - L. Greg Lisle, 2160 Foxhunter Ct., Winston Salem NC, 27106, l.g.lisle@ieee.org, Secretary - Charles Lord, 108 Huntington Cir, Cary, NC 27513, c.j.lord@ieee.org, and Treasurer - Herman Heyge, 907 McDowell Dr., Greensboro, NC 27408, h.heyge@ieee.org.

The Council is planning 3 days of tutorials, April 6-8, 1998, at Research Triangle Park. The planned mix is introduction and sales of IEEE home-study courses and other hardware and software tutorials of 1 or 2 day duration. The Council again voted to cooperate with Southcon and to help bring Southcon 2000 back to the Triangle area.

The Council agreed, in principle, to help the Student Chapters at the State Universities, but only after they have shown some progress on their own. Local Sections that include Student Chapters were urged to make every effort to help these student activities.

AREA 3
GEORGIA

Bill Harrison

Atlanta Section

The Atlanta Section submitted its bid to host Sections Congress 2002. The IEEE Atlanta Section and the City of Atlanta are well equipped and ready to be the site for another international gathering, SC2002. One of the Atlanta Section highlights for the 1997 program year has been the Section's Distinguished Lecture Series. The Section provides funding to assist the various Technical Society Chapters in bringing well-known national or international experts to speak to the IEEE Section and Technical Society members. The next presentation in the 1997 Distinguished Lecture Series will be sponsored by the Power Engineering Society. The speaker will be John E. Harder of ABB/Westinghouse, an expert on capacitor applications. His lecture topics will include Capacitor Applications on Electric Power Systems, Distribution Capacitor Design Considerations, and Transmission Substation Capacitor Design Considerations.

Another initiative for 1997 was to increase student branch involvement and interaction with the Atlanta Section activities. Toward this end, Atlanta Section representatives from academia and industry conducted a panel on telecommunications with the Georgia Tech Student Branch. Section members representing BellSouth, Scientific Atlanta and Georgia Institute of Technology participated as panel members. In addition to the technical issues, many of the students questions focused on involvement in professional activities, in general, and on the benefits of active participation in professional organizations such as IEEE.

Several Section members are working to reactivate the Electronics in Medicine and Biology Society after several years of inactivity on the part of that technical society.

Central Georgia Section

The Central Georgia Section has had some interesting meetings lately. In April, Captain Hansen of the Georgia Air National Guard and a member of the B-1 bomber wing gave the Section a briefing on the B-1 Bomber. The members were then allowed on the flight line for and inside-out inspection of the airplane.

In June, the Section toured the Defense Megacenter at Robins Air Force Base. This center is one of only 16 major Defense Department computer centers.

1997 Region 3 Financial Operations
Through September 1, 1997

RECEIPTS ($)	BUDGET	YTD ACTUAL
Conference Income	10,000	3,039.53
Professional Activity - Programs	13,588	13,587.81
Rebate from IEEE Headquarters	66,200	66,200.00
Interest Income	13,600	20,256.51
Life Member Fund for Student Awards	1,000	1,000.00
RAB for ETI Database	2,000	0
RAB for Needy Section Support	1,000	0
RAB Other Projects	1,000	0
Loans & Advances Repair by Others	3,000	3,253.50
TOTAL RECEIPTS ($)	**111,388**	**107,337.35**
DISBURSEMENTS ($)		
Meetings Expense	15,500	4,399.35
Newsletter Expense	8,500	5,409.17
Other Publications	3,000	2,209.84
Conference Expense	3,000	0
Educational Expense	3,000	406.53
Professional Activities	33,200	13,890.21
Student Activities	21,300	11,134.01
Grants and Awards	3,000	1,663.82
RAB Project - Boy Scout Jamboree	1,000	1,600.00
RAB - Needy Section Support	1,000	0
Travel Expense - non-student	40,000	30,756.74
Committee Support and Office Exp	7,900	3,043.70
Loans & Advances to Others	10,000	0
TOTAL DISBURSEMENTS ($)	**150,400**	**74,513.37**

In July, the Mercer University student branch demonstrated their SoutheastCon hardware design.

The Section's fall schedule includes a presentation by Dennis Cobberts of Ball Aerospace on Ball's part in the fix of the Hubbell telescope.

Savannah Section

The Savannah Section has just completed another successful year. Average attendance to our monthly meetings has been around twenty. Although this number definitely has room for improvement, we are satisfied that our topics are interesting and up-to-date. A member survey helped confirm our direction and we look forward to another good year.

The Savannah Section continues to be active in local education such as the Coastal Georgia and South Carolina Science Fairs. Members have also volunteered to assist in re-building a local science museum. For some of us, that meant dusting off the old soldering iron. Like other IEEE sections, the Savannah Section has been fortunate to receive good industry support. About 1/3 of our meetings were tour-based. We have visited plants such as Gulfstream (Corporate Jets),Inter-Marine (Fiberglass Yachts), and Savannah Foods (Sugar Refinery).

Of course, there is a lot more we could be doing. This year we are working

Important Addresses and Phone Numbers to Know.....

R3 Web Site:
http://sandbox.ieee.org/r03/

ETI Web Site:
http://sandbox.ieee.org/r03/eti/eti.html

ETI Authorization:
eti-info@eng.uab.edu

Region 3 BBS:
1-800-555-REG3

Region 3 BBS in Atlanta:
1-770-446-0740

to increase overall attendance - especially from our local universities and colleges. We also hope to involve a larger percentage of the membership on the board and in our committees. Last, but not least, we intend to work closer with Region 3 and with IEEE USA.

Please visit our Section Web Page and drop by if you are in the area.

FLORIDA COUNCIL

Osama Mohammed

The Florida Council held several meetings this year. The latest meeting was held on August 16, 1997, in Altamonte Springs, Florida. Most of the Florida Council's 12 sections attended the meeting. We had a chance to meet with the newly elected section officers as well as several student representatives from sections.

Many issues of concern to the membership and the section officers were voiced during the meeting. One of the most talked about issue is officer recruitment. In some cases officers stay in position for three or more years. These issues face many sections throughout IEEE regions and needs special attention by the IEEE Board of Directors. Another issue is the lack of participation and support to IEEE activities from companies, businesses and corporations. In many cases, IEEE volunteers are not given the time and/or the recognition for their efforts. This issue also needs to be addressed by the IEEE Board of Directors to try to show these organizations the value and benefit of IEEE to them and to their employees. All of the council's sections have submitted all of the reports to headquarters. Sections have reported some notable activities, which will help improve the delivery of IEEE services to the membership.

1. The Florida West Coast Section is participating in the "member-recover-a-

member" program. This is an experimental program sponsored by IEEE.

2. Several sections have resorted to implementing automated e-mail for meeting reminders to supplement the newsletter mailings.

3. The Miami Section has participated with engineering schools in Miami to introduce engineering to high school and junior high school students. A poster contest is being planned for Engineers' Week next year in the Miami Section. Other sections have done similar very successful events during Engineers' Week last February.

4. The Power Engineering Society Chapter of the Orlando Section won the outstanding PES Chapter award. This is a very important award as the selection is from all PES chapters worldwide. Our congratulations to the Orlando PES chapter.

In the conference area, the Florida Council has been very busy. Southcon'97 was very successful and provided a good surplus for the council this year. Southcon is the main income source for the Florida Council. Plans are underway for Southcon'98 in Orlando. All sections are being asked to help the conference with booth sales and increasing attendance. The Florida Council will hold one of its meetings next year during Southcon'98 in Orlando. The PACE conference was held in St. Petersburg during the Labor Day weekend this year. The 1998 IEEE/PES Winter Power Meeting will be held in Tampa in early February 1998. The IEEE Region 3 SoutheastCon'98 will be held in Orlando in April 1998. The council has devised a plan to ensure financial strength in the future. This was agreed upon during the last council meeting. This plan includes long-term investments and all sections supporting and contributing to the success of Southcon.

The new council officers will be elected during the last meeting of the council this year on November 22, 1997. Plans are underway to continue maintaining the council's web site and toutilize it as a repository for information that is of benefit to the members and section activities. Many sections are planning to utilize the IEEE distinguished lecturer program. Also several sections have programs planned to have students from local universities participate in the local

section activities and executive committee meetings. Several sections also have plans to sponsor projects at the high schools and junior high schools to help enhance the image of engineers and ensure a future pool of Electrical and Computer Engineers.

TENNESSEE COUNCIL

Billy Allen

The Tennessee Council, which consists of members of seven IEEE Sections — Chattanooga, East Tennessee, Memphis, Middle Tennessee, Nashville, Oak Ridge, and Tri-Cities, conducted its first meeting in 1997 at SouthEastCon at Virginia Tech in Blacksburg. Our next meeting is scheduled for October 25 in Knoxville. The Council continues to offer assistance to two of the Sections which have experienced a drop in participation due to local economic changes. We are interested in promoting the GOLD/Young Professionals program. Also, the Council Web Page should soon be in operation.

The Council and four of its Sections were represented at the IEEE-USA Professional Activities Conference over Labor Day weekend in St. Petersburg. We are considering two Council PACE projects. One proposal is a short video production promoting P.E. licensure across the state. The second proposal involves video-conferencing existing P.E. (Electrical) Review courses in Knoxville and/or Memphis to provide access to members across the state. The Council and Sections are also discussing opportunities for providing short courses to its members. The State of Tennessee recently imposed continuing education requirements for its registered engineers.

AREA 6
AL & MS

Perry Wheless

Fall is a time for invigoration as well as Spring, and the new IEEE year is underway in Area 6. While it is easy to become preoccupied with the startup of Section meetings and detailed planning for major activities during the upcoming year, we should make a conscious effort to think about future years NOW. The highest priority for IEEE Sections and Subsections should be to cultivate outstanding leaders for the future; the old adage is true that "if you have good people on the job, everything else will be taken care of." The effectiveness of local IEEE officers is generally much greater when the way has been paved well in advance. Therefore, there is time to go through the learning curve and, also, to acquire an appreciation of Section history and traditional priorities. The Sections and Subsections which are flourishing tend to be those that identify and start to develop officers for next year, early in the preceding annual cycle of IEEE life!

Thanks to Will Preussel (Huntsville Section) and Ken Bishop (Alabama Section) for the following reports, which include several points that should be of interest throughout Region 3.

Huntsville Section

In May, the Huntsville Section sponsored its first International speaker, Professor Tao Ben ren of the Shanghai Electrical and Mechanical System Engineering Research Institute. Attendance was good, and valuable lessons were learned about how to organize talks by foreign nationals. The first Fall activity is scheduled for September 29, when IEEE will jointly sponsor a breakfast meeting honoring Senator Ri-

chard Shelby and William Craig, Director of the US Army AMCOM Software Engineering Directorate (SED). Mr. Craig will receive an award from the Huntsville Section for his long-time role in SED business and process improvement efforts, which recently resulted in SEI level 3 certification of their software development and maintenance activities.

Belur Dasarathy, a past Chair of the Huntsville Section, was honored with the Outstanding Engineer Award for Region 3 at Southeastcon '97. The Section's annual "Professional of the Year" award went to Irv Krulac in honor of his long service to the Section, particularly as liaison with the Huntsville/Madison County School system. Irv was recently forced to retire due to a series of health problems; he will be sorely missed. The Section also made a substantial contribution to the endowment set up by UAH in honor of Linda Hooper's long record of service to the Section.

Improvement of member communications has been a major thrust over the past six months, with gratifying results. The new Web site **http://www.geocities.com/CapeCanaveral/4199/ieeehsv.html** continues to improve and draw favorable comment. The Section newsletter, the LiveWire, has an energetic new editor, Chih-Cheng Hung of Alabama A&M University.

Planning is a continuous process for the Huntsville Section's biggest annual event, the IEEE Computer Fair, scheduled for February 28-29, 1998. This will be the first Fair held in the newly constructed South Hall of the Von Braun Center, and we expect it to be the best ever! As always, admission will be free to the public. Y'all Come!

Alabama Section

Carroll Hastings, an Alabama Section member and member of the Board of Engineering Registration, worked actively with other Board members to coordinate the composition of the new Alabama engineering registration law (effective August 1, 1997). The terminology changes are consistent with national level recommendations for a model law and in-part changed from registration to licensure. This should significantly elevate the stature of the engineering

profession in Alabama and is an important step toward parity with the legal and medical professions.

The Alabama Section newsletter, *Significant Bits*, will be on the Web **http://www.eng.uab.edu/ieeea/** next month. The Section's members are being encouraged to receive the newsletter via the Web or e-mail in order to reduce the printing and postage cost of sending out 1677 newsletters each month.

The Section Education and GOLD committees are working with a local high school physics class to provide encouragement to potential electrical engineering students. Members have met to identify electrotechnology topics for inclusion in at least three physics lab experiments. Specific equipment and components are being identified for purchase with the IEEE funds. The new lab experiments and demos are designed to bridge the gap between high school and engineering.

AREA 8

Don Hill

The Paducah Subsection had a much better year. With the help of Wayne Priddy and others in the Paducah subsection, the subsection had its first technical session and newsletter edition in years. The technical session was followed by a re-organization meeting of interested members. Any local members who are interested in helping with the IEEE Paducah activities, please call Wayne Priddy to volunteer.

The Evansville-Owensboro Section and Clarence Winterhiemer continue to support local IEEE student members of engineering schools by ensuring their attendance at SEC 97 in Blacksburg, VA. Keep up the good work. Good student liaison is the future of IEEE.

The Louisville Section is glad to have Joe Cole back in the saddle. Joe had serious medical problems earlier this year, but has displayed his drive to continue his contributions to U of L, the Section, and his family. We wish Joe, the junior past chair of Area 8, a complete recovery.

The Lexington Section welcomed new officers this fall. I would like to thank Elwood West for his tireless lead-

ership of the Lexington Section for the past year. Lexington continues to plan for SEC 99. Each section officer is committed to providing Region 3 with an educational and entertaining SEC 99 in late March 99.

It has been my pleasure to serve as your Area 8 chair for the past few years.

AREA 9
JAMAICA

Dennis Hartley

The Annual General Meeting of the Jamaica Section was held Wednesday, June 18 and the Nominations Committee recommendation was accepted unopposed. A total of eight officers has so far been confirmed and a very challenging set of objectives has been placed.

As a consequence of being charged US$70 to hold each regular monthly meeting where we have been hosting it since 1971, and not being able to afford the payment, the Jamaica EXCOM reluctantly decided to hold the minimum of five meetings per year.

Objectives are as follows:

1. To increase membership.

2. Revive the Student Branch at University of Technology.

3. Register a new Student Branch at University of the West Indies.

4. JamCon 98 for August in Ocho Rios.

5. Section Officer speaker training.

6. Reduce number of Section Meetings to five per year.

Call for Papers for JamCon 98 will be out by October 1997. The fact that the venue has been changed to the ever popular Jamaica Grande is expected to attract potential presenters.

AWARDS AND RECOGNITION

Charles Hickman

Once again, we have the opportunity to recognize technical, service and professional contributions of our Region 3 IEEE members. Nominations are being sought for the following awards:

Outstanding Engineer
Outstanding Service
Outstanding Engineering Educator
Professional Leadership

Each of us can identify individuals who have earned this recognition and who should be nominated.

Details related to each of these

SoutheastCon Schedule

Conference	Date	Host Section/Branch	Conf Chair
SoutheastCon '98	4/24-4/26	Orlando Section	Parveen Wahid
SoutheastCon '99	3/25-3/29	Lexington/Univ. of KY	Donald Hill
SoutheastCon '2000		Nashville Section	Saleh Zein-Sabatto
SoutheastCon '2001	<<to be decided at R3 meeting in Orlando, April 1998>>		

SoutheastCon E-mail Contacts

Conference	General Chair	Student Conference
SoutheastCon '98	pfw@engr.ucf.edu	rfd@engr.ucf.edu
SoutheastCon '99	d.w.hill@ieee.org	sb.uky@ieee.org
SoutheastCon '2000	Sabatto@harpo.tnstate.edu	

awards may be found in a number of Region 3 sources: Awards and Recognition Program Manual, BBS and Web Site. I can also provide you with a Word or WordPerfect diskette. The deadline for receiving your nominations is DECEMBER 1, 1997. Do not delay!

A number of other awards are available to our Sections, Student Branches and individual students, including:

Exemplary Section
Exemplary Student Branch
Student Professional Activities Service

Keep these awards in mind and submit the nominations in a timely manner.

Let me apprize you of a new award. The Graduates of the Last Decade (GOLD) program was established to provide tools for Sections to use in retaining this valuable group of members. The Regional Activities Board(RAB) recently approved the GOLD Awards and Recognition Program, and IEEE Headquarters personnel are developing nomination materials. As soon as these materials are received, I will distribute them to you. Region 3 will want to lead the way in recognizing these young members. If you have any questions about our awards and recognition program, please contact me or any other member of the Awards and Recognition(ARC) Committee, including your Area/Council Chair and your Section ARC Chair. Please get involved personally in our awards process to ensure another successful year.

CONFERENCES

David Green

The next conference committee meeting will be in Huntsville, AL as part of the November Region 3 Excom meeting. At this meeting we will be discussing our efforts this year including SoutheastCon '97 and the upcoming SoutheastCon '98 conference. Sections interested in bidding on SoutheastCon 2002 and beyond should be contacting the Conference committee regarding the schedule for bid processing, as well as assistance if needed.

Note that both SoutheastCon '98 and Southcon '98 will be in Orlando separated by about a month. I ask that all Region 3 members be aware of this proximity and work to avoid confusion between the two conferences and to help each be a success.

SoutheastCon '98 web site:
http://www-ece.engr.ucf.edu/secon98/
Southcon '98 web site:
http://www.southcon.com

SoutheastCon '97

SoutheastCon '97 was held in Blacksburg, VA on April 12 through 14. The conference continued the new compressed format which kept everyone hopping but appeared to be a well-received format. The conference featured about 90 professional papers and three tutorials as well as a very busy student program. Russell Churchill and his conference committee are to be congratulated for the great conference effort.

SoutheastCon '98

SoutheastCon '98 will be held at the Orlando Airport Hyatt Regency on April 24 through 26. Please note that is a little later than "nominal" for SoutheastCon and formulate your attendance plans accordingly. The hosts for this conference are the Orlando Section and the University of Central Florida Student Branch. This conference will also follow the model of placing all three components (Region 3 meetings, technical conference and student conference) in parallel to occur mostly on a single weekend. It will feature technical sessions, tutorials, plenaries as well as an exciting student program. Conference Chair Parveen Wahid reports that efforts are proceeding on SoutheastCon '98. You should find many more details about this conference elsewhere in this newsletter or by visiting the conference web site at:
http://www-ece.engr.ucf.edu/secon98/

Southcon

Region 3 has a major electro-technology show with technical sessions and product exhibitions which it sponsors with the Florida Council and Electronic Representatives Association. Southcon/ 97 was held in Raleigh, NC on March 25-27. Southcon/98 will be held at the Orange County Convention Center in Orlando Florida on March 24 - 26, 1998.

Other Items

If your section has a conference please send information on this conference to the Region 3 Conference Committee chair. We would like to create a list of all the conferences that are planned in our region to enhance communication with, and service to, region members.

Finally, there are a couple of institute level opportunities with regards to conferences that are available. First, the Financial Department has prepared a collection of forms (both paper and electronic) and associated guides for use in managing conference finances. Electronic versions are available for use with Lotus 123 and Quicken. Second, the IEEE program called Book Broker desires to buy proceedings from IEEE-sponsored conferences. The program commits to purchasing conference proceedings prior to the conference. Southeastcon and Southcon proceedings are both available through the Book Broker program but there are many Section conferences that are not yet participating.

Finally, this represents year 4 (and the last year) for me as Region 3 Conference Chair. I have enjoyed working with the fine folks who have worked so hard to provide members with these Conference Opportunities and thank Directors Powers and Beall for this opportunity. The Region has been very successful during this time developing a budget cushion for less successful times and actually delivering surplus to the general Region fund for other activities to serve the members.

EDUCATIONAL ACTIVITIES

Dan Jackson

Professional Vitality Through Life-Long Learning

Educational Activities historically have been a one person committee in Region 3. This is going to change! The Educational Activities chair for each Council is now a member of the Educational Activities Committee (EAC). That quadruples the membership. All Section Education chairs are now corresponding members. If your Council/Area or Section does not have such a committee chair I will be contacting the Council/Area or Section chair about creating an Education Committee. Any other IEEE members who are interested may also become corresponding members.

The increased emphasis on continuing education to maintain technical vitality has created the need to provide more information to our members about the resources which are available. A database of Lifelong Learning resources in Region 3, such Electrotechnology Industry (ETI) database, would be very valuable. IEEE-Canada has started such a project for its members which can provide us some insight in how this could be done. Each EAC member can contribute information regarding resources in the local area. The accumulated data will then make up the Regional Lifelong Learning (RLLL or RLcubed) Database.

Is your Section providing quality continuing education for its members? That is the aim; is it not? If you need another meeting program, one of the video or audio tapes in the Region 3 Lending Library will provide a great topic. Contact me for a copy of the catalog. Remember, Lifelong Learning is the only job guaranteed for life.

MEMBERSHIP DEVELOPMENT

Jim Howard

Over the last two years, the use of the Region 3 Membership Development(MD) items - the koozies, pens, screwdrivers, mouse pads, coasters, notepads, etc. - has continued to grow. Region 3 developed this program to help Sections and Council get the lowest cost available for these type items by purchasing in bulk quantities and to make the IEEE name more recognizable.

It has worked. Today, we get requests for these items not only from the Region Sections and Councils, but from other Regions as well. Please continue to use the invaluable items to help promote the IEEE. These items make great speaker gifts, membership development promotional gifts, etc. Let's make use of these wonderful items.

Region 3 Special MD Project

Two Sections in the Region are participating in a special project initiated by the IEEE Board level MD committee. This project, called "Member-Recover-A-Member", targets members who have recently gone into arrears.

In the past all contact with these members has been by IEEE Headquarters, but now these two

Sections are being asked to do the work that was done in the past by contractors to IEEE. They will be contacting these members and trying to determine why they have not renewed their dues. For this work the Sections will receive an additional rebate for each member they recover, which is a portion of what was being paid to the contractors in the past. If successful, this project will be expanded to all Sections in the near future.

PROFESSIONAL ACTIVITIES

Dick Riddle

As I reported in our Spring 1997 issue of the Region 3 Newsletter, several IEEE-USA committees are working together in an attempt to help solve some of the employment and career problems many of our "over 50" members are having. A two-day meeting will be held in Colorado Springs on October 18 - 19 to address this issue. Region 3's Special Projects Coordinator Vernon Powers reports that the BBS Phase 4 and the ETI Phase 5 projects are on plan and on schedule. (See the related article in this issue, "Student Branch To Champion ETI Membership Initiative" for additional ETI news.) The Automated Consultants' Network (ACN) Phase 2 and the Automated Resume Database (ARD) Phase 1 are on hold. Vernon's full report and plan will be made at the Region 3 meeting in Huntsville, AL on November 15-16.

PACE Report
Lee Stogner

The 1997 PACE Conference met in St. Petersburg over Labor Day weekend. Over 35 people represented Region 3 as PACE Representatives, Young Professionals and other key PACE leaders. This year the conference was designed to teach important skills and share information that representatives can take back to their sections.

The conference was divided into 6 tracks:

Services, Image, Outreach
Government and Industry Relations
Professional Vitality
PACE Leadership Training
Surviving and Thriving in the
    Corporate Jungle

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WEB PAGE:
http://www-ece.engr.ucf.edu/secon98

IEEE SOUTHEASTCON '98

ENGINEERING FOR A NEW ERA

APRIL 24 - 26, 1998

HYATT REGENCY
ORLANDO INTERNATIONAL AIRPORT

ORLANDO, FLORIDA, USA

CALL FOR PAPERS

SOUTHEASTCON '98 sponsored by IEEE Region 3 and the IEEE Orlando Section will be held in Orlando, Florida, April 24 - 26, 1998. Authors are invited to submit papers on all topics of interest to the electrical and computer engineering community. A student paper competition will also be held. General inquiries regarding the technical program may be directed to the Technical Program Chair. Attendance and participation in the technical program from areas outside IEEE Region 3 is encouraged and welcomed.

GENERAL INSTRUCTIONS FOR AUTHORS:

The letter accompanying the paper submission must indicate the conference topic from the list below that most closely represents the subject area of the paper. It must contain the complete mailing address, telephone number, fax number and e-mail address of the corresponding author. Where there are multiple authors, please specify the presenter by an asterisk. The presentation equipment needed (viewgraph, slide projector, etc.) should be specified. **Fax and e-mail submissions will not be accepted.**

The text should be typed single spaced on 21.5 cm x 28 cm (8-1/2 x 11 inches) white paper. The title should be centered 1 inch from the top of the first page. The author's (or authors') name and complete organizational affiliation should be two lines below the title. The text should start three lines below . Left and right hand margins should be 4 cm (1-1/2 inches). A 2.5 cm (1 inch) margin should be at the top and bottom of all pages. Double space between paragraphs. The font size should not be less than 10 point.

FULL LENGTH PAPERS: The paper must be limited to four pages including all text, references, figures and photographs. The original and three copies must be submitted in final camera ready form along with a signed IEEE copyright form. Missing copyright forms will make it necessary to reject the paper.

The deadline for submission of papers is **December 15, 1997**. All papers will be refereed. Notification of acceptance will be sent to the author by February 1, 1998.

CONCISE PAPERS: Four copies of an abstract and summary not to exceed two pages in length including text and figures must be submitted in camera ready form. Do not include a list of references. The deadline for submission is **December 15, 1997**. All papers will be refereed and notification of acceptance will be sent to the author by February 1, 1998.

Address all correspondence and papers to Dr. Christos Christodoulou, Technical Program Chair, ECE Department, University of Central Florida, Orlando, Florida 32816.

TUTORIALS/WORKSHOPS: Proposal are invited for organizing Tutorial/Workshop sessions. These sessions should address new developments and applications in the field. Include an objective, a 300-500 word description, duration (half or full day) and instructor biographies. Proposals should be submitted to Dr. Georgiopoulos, Tutorials Chair, ECE Department, University of Central Florida, Orlando, Florida 32816 by **December 15, 1997**.

STUDENT PAPERS: Students should consult the Student Branch Counselor for information on the Student Paper contest. Student papers are a separate program with a deadline of **February 13, 1998**. The Southeastcon Student Program Chair can be contacted for student program inquiries.

SUGGESTED TOPICS FOR SOUTHEASTCON '98

Artificial Intelligence	Analog Systems	Antennas and Propagation
Analog Systems	Fuzzy Systems	Reliability
Acoustics	Aerospace Systems	Broadcasting
Biomedical Engineering	Circuits and Systems	Cellular Radio
Controls	Communication Systems	Communication Networks
Communication Systems	Modeling and Simulation	Ultrasonics
Computers	Digital Systems	Design Automation
Distance Learning	Engineering Education	Electromagnetics
EMC/EMI	Expert Systems	Electron Devices
Fiber Optics	Fuzzy Systems	GaAs/SiGe
HDTV	Industrial Electronics	Instrumentation
ISDN/BISDN-ATM	Lasers/Photonics	Microelectronics
Microwaves/Millimeter Waves	Multimedia	Magnetics
Microprocessors	Network Theory	Neural Networks
Optical Computing	Pattern Recognition	Power Electronics
Power Systems	Parallel and Distributed Systems	Professional Activities
Radar Systems	Robotics	Reliability
Remote Sensing	Signal Processing	Software Engineering
Spread Spectrum	Systems Theory	Telecommunications
Telemetry	Sensors and Transducers	Ultrasonics
Vehicular Technology	VLSI/ULSI/WSI	Wireless Communication

PUBLICATIONS:

All papers accepted for Southeastcon '98 will be published in the IEEE Southeastcon '98 Proceedings. Extra page charges will apply if the specified page limit is exceeded..

ADVANCE PROGRAM AND REGISTRATION:

The Advance Program will be mailed only to authors, co-authors and others (not associated with a technical paper) who make known to the Technical Program Chair their wish to receive this program. It is anticipated that the Advance Program will be mailed out in February 1998.

Advance registration and hotel registration forms will be mailed with the Advance Program. These should also be available through the conference web site.

EXHIBITS:

An industrial exhibition will be held during the conference. Potential exhibitors may obtain detailed information from the Exhibits Chairman.

Southcon®/98

Southcon '98 is looking for a few good <u>technical</u> application engineering workshops and short courses!

Southcon's applications conference offers hands-on, "application-specific" workshops and short courses focused on emerging computer, communication, and microelectronic markets. Specific focus explores use of the driving and enabling technologies offered by today's design tools and advanced semiconductors, as well as their potential impact on current and future products.

Southcon attendees are engineers who need to stay on top of the latest developments in tool and device technologies. They must constantly "evolve" their skills to match current and future technology and product trends. They want application-specific, how-to information from other *working engineers* who speak their language and understand their problems.

All workshops and short courses must be **technical** presentations. Attendees pay to attend these workshops and short courses. Therefore, sales pitches or commercial presentations won't be accepted. Application-specific presentations by design, manufacturing, component, and field application engineers **will receive top priority**, so please give us the opportunity to work with you to make Southcon '98 *sizzle!*

Application Engineering Workshops were recently created specifically to provide speaking opportunities for software tool and device technology developers and manufacturers. Attendees <u>need</u> concentrated, hands-on instruction so they can evaluate and begin to <u>use</u> this vast array of new tools and device technologies.

Application Engineering Workshops are two-hour, instructional classes led by application engineers or others with a technical background. Workshops must give generic, hands-on training and must highlight use of and actual applications for tools, devices, and new communication/computer technologies.

Short Courses are half- or full-day classes, generally taught by professional instructors who have worked in their industry for many years and are recognized as experts in their field

Topic Suggestions
- **System Hardware** (systems architecture/partitioning, high-speed system design, design verification techniques, PCB implementation issues)
- **ICs** (state-of-the art & issues/problems, custom IC design, ASICs, FPGAs, memories, using logic cores, implementation issues)
- **Interface hardware** (signal conditioning, DSP implementation, signal conversion, analog design & modeling issues)
- **Embedded Systems** (design considerations for embedded systems, real-time software, hardware for embedded systems, testing real-time systems, JAVA in embedded systems)
- **Convergence & Multimedia Issues** (hardware/software/media trends [DVD, HDTV, etc.], multimedia processing, virtual reality applications)
- **Computer Technologies** (flat panel displays, supercomputer subsystems, portability issues, I/O issues, client/server)

- **Communications** (engineering and the Internet, wireless & PCS challenges & opportunities, protocols - from backbone to user,
- **Regulatory** (EMC/EMI design issues, the certification process - UL, CE-Mark, etc.)
- **Test** (high-density design issues, mixed-signal testing, digital testing issues, test technologies - IDDQ, SCAN, etc.)

To submit a proposal - please supply complete information requested below. As you prepare your proposal, please bear in mind that this information is used in all our promotional efforts. Your proposal should "speak to the potential attendee".

Instructor's Name:
Job Title:
Company/Division:
Address/Mail Stop:
City/State/Zip:
Phone/Fax/e-mail:

Workshop/Short Course Title: (this title must be an "attention grabber" and must be descriptive. You have a maximum of <u>10 words</u> here, so choose them wisely!)

Workshop Description: (This <u>100-word</u> descriptive paragraph is important for two reasons. The technical program committee uses it to either accept or reject your proposal and potential attendees use it to determine whether or not they should attend. Descriptions which go on forever are unappealing to potential attendees. They don't want to read the great American novel, they just want to decide if your workshop or short course has merit! **Be stingy with your words - give attendees exactly what they need to make a decision.**)

Benefits: (Give three or four "bullet points" that tell potential attendees "what's in it for them". Be careful not to just repeat information already given in your descriptive paragraph.)

Intended Audience: (Identify who should attend - i.e., job titles - and level of expertise required, if applicable.)

About the Instructor: (Be very specific about your expertise, number of years in the industry, types of projects you've completed, etc. Potential attendees are much more interested in "what you've done" and "what you've contributed" than where you've worked or where you were educated.) Also include a <u>brief</u> company profile (products manufactured, position in the industry, etc.).

If you have any questions, please call Brenda Minkalis at (800) 877-2668 Ext. 280 or (310) 215-3976 outside the U.S.

Please submit your proposal via e-mail, fax, or mail as follows:
- e-mail: b.minkalis@ieee.org • Fax: (310) 641-5117
- Mail: Northcon c/o ECM, 8110 Airport Blvd., Los Angeles, CA 90045

If using e-mail, please just type the text in an e-mail message and send it. Don't attach a file of any kind. We've had lots of problems with viruses.

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COMPLETE ALL QUESTIONS FOR COMPLIMENTARY REGISTRATION
Persons under 18 years of age not admitted.
Students 18 or older admitted Thursday, March 26, only.

1. General Information

9-90109

First Name _____ Last Name _____

Job Title _____

Company _____ Division _____

Mailing Address _____ Dept. or M/S _____

City _____ State _____ Zip _____

Country _____ e-Mail _____

(____) ____ - ____   (____) ____ - ____
Telephone   Fax

☐ Send me complete show details as soon as they become available.

☐ **GA** I would like to receive updates/special offers via E-mail.

2. Principal Job Responsibility
(check only one)
- ☐ **AA** Engineering Management
- ☐ **AB** Management other than Engineering
- ☐ **AC** Engineering
- ☐ **AD** Buyer, Purchasing Agent
- ☐ **AE** Other _____

3. Principal Job Function
(check only one)
- ☐ **BA** General & Corporate Management
- ☐ **BB** Design & Dvlp. Engineering (circuits, components, equipment, systems)
- ☐ **BC** Engineering Services (evaluation, quality control, reliability, standards, test)
- ☐ **BD** Basic Research
- ☐ **BE** Manufacturing & Production Engineering
- ☐ **BF** Engineering Assistants (draftsman, lab assistant, technician)
- ☐ **BG** Purchasing and Procurement

- ☐ **BH** Marketing including Sales
- ☐ **BI** Advertising, Media or Public Relations
- ☐ **BJ** Other _____

4. What type of design are you involved in?
(check all that apply)
- ☐ **CA** Analog Design
- ☐ **CB** Digital Design
- ☐ **CC** Software Design
- ☐ **CD** Test and Evaluation
- ☐ **CE** Systems Design
- ☐ **CF** Circuit Design
- ☐ **CG** Component Design
- ☐ **CH** Microprocessors for Embedded Systems
- ☐ **CI** Other Design _____

5. What type of manufacturing are you involved in?
- ☐ **HA** Component
- ☐ **HB** PCB Manufacturing
- ☐ **HC** SMT/PCB Assembly
- ☐ **HD** Through Hole PCB Assembly
- ☐ **HE** Cables & Wire Harness
- ☐ **HF** System Assembly
- ☐ **HG** Other _____

6. What is the primary end product (or services) at this location? (check only one)
- ☐ **DA** Computers, Systems, Peripherals
- ☐ **DB** Communication Systems
- ☐ **DC** Controls, Test, Medical Equipment
- ☐ **DD** Avionics, Government & Military Electronics
- ☐ **DE** Automotive, Consumer Electronics & Appliances
- ☐ **DF** ICs and Semiconductors
- ☐ **DG** Components (other than ICs)
- ☐ **DH** Other _____

7. Which of the following products and/or services do you specify, recommend, approve, purchase or influence the purchase of? (check all that apply)
- ☐ **EA** Standard ICs
- ☐ **EB** ASICs, PLDs, FPGAs
- ☐ **EC** Design Automation, Engineering Software

- ☐ **ED** Test Equipment & Development Tools
- ☐ **EE** System Boards
- ☐ **EF** Computers/Software
- ☐ **EG** Computer Peripherals
- ☐ **EH** Components (other than ICs)
- ☐ **EI** Production Tools & Supplies
- ☐ **EL** Production Equipment
- ☐ **EJ** Power Sources
- ☐ **EK** Services (Contract Assembly, IC Foundry, Design Services, Test Services, Etc.)

8. Size of your organization

	At this location	In entire company
5,000 or more	☐ FA	☐ FB
1,000-4,999	☐ FC	☐ FD
500-999	☐ FE	☐ FF
100-499	☐ FG	☐ FH
50-99	☐ FI	☐ FJ
20-49	☐ FK	☐ FL
6-19	☐ FM	☐ FN
1-5	☐ FO	☐ FP

Four Ways to Register:

MAIL this completed form by March 6 to:
Southcon/98
8110 Airport Blvd.,
Los Angeles, CA 90045-3194.
Do Not Both Fax and Mail.
YOUR BADGE WILL BE MAILED 3 WEEKS PRIOR TO THE SHOW.

FAX after March 6, but before March 20, to (310) 641-5117.
Do Not Both Mail and Fax.
BADGES WILL BE HELD FOR PICK-UP AT THE ADVANCE REGISTRATION COUNTER.

ELECTRONICALLY http://www.southcon.com
AFTER MARCH 6, BADGES WILL BE HELD FOR PICK-UP AT THE ADVANCE REGISTRATION COUNTER.

ON-SITE after March 20, bring this form with you to Southcon for FREE Admittance. **Save $10.**

Bring Your Colleagues - Form May Be Duplicated

1998 PES Winter Power Meeting

The 1998 IEEE Power Engineering Society Winter Meeting will take place February 1-5, 1998, in Tampa, Florida. The Tampa Bay Area welcomes the Winter Meeting to the Sunshine State, and hopes you have the opportunity to visit and enjoy the area's many attractions.

With the continuing challenges of deregulation, global competition, open access, and technological changes, we invite you to participate in the outstanding meeting. Join engineers from around the world as they share ideas, thoughts, and findings.

The technical program will focus on subjects related to the power industry including distribution, transmission, and power generation, with special topics on the latest developments in each of these areas.

The meeting will begin on Sunday, February 1, with registration and a reception affording you the opportunity to join old friends and make new ones as you enjoy the view of Tampa Bay. The technical portion of the meeting will begin with the Plenary Session on Monday morning and continue through Thursday with over 100 meetings, paper presentations, panel sessions, tutorials, and technical tours. Additionally, there will be a full student program, a Wednesday morning General Membership meeting, and an outstanding Awards Banquet.

Location

Tampa has much to offer visitors, such as the Busch Gardens theme park, the state-of-the-art Florida Aquarium, pristine white sand beaches, and the national historic landmark district of Ybor City. Within minutes of the Winter Meeting locations, visitors can find a shopper's paradise and experience dining at some of the country's finest restaurants.

Tampa is conveniently located for several excursions:
- Sarasota, approximately 63 miles south, to enjoy a day at the Ringling Museum, Lido Beach or Siesta Key
- St. Petersburg, approximately 20 miles west, to visit the Salvador Dali Museum and beautiful Gulf Coast Beaches
- Orlando, approximately 84 miles northeast, to explore Sea World, Walt Disney World, and Universal Studios
- Polk County, approximately 60 miles east, to visit Cypress Gardens and the beauty of Bok Tower Gardens.

Hotels and Facilities

Early registration and room reservations are **strongly** encouraged due to Florida's peak season! (If your plans change, you may cancel your reservation at a later date.) The Tampa/Hillsborough Convention and Visitor's Association is handling reservations at special conference discounts negotiated for this meeting. Conference rates are available 3 days before and after the event. Do not contact hotels directly for reservations. Please use the Housing Form, and mail or FAX it by December 19, 1997.

The Hyatt Regency Westshore will serve as the headquarters hotel. Meeting rooms will be used at each hotel for subcommittee and working group sessions. A shuttle service will operate between these sites: more detailed information will be available in future issues of the *IEEE Power Engineering Review* and at the PES Web site.

Eight hotels in the Tampa Airport/Westshore area are serving the 1998 PES Winter Meeting: The Hyatt Westshore, Marriot Westshore, Sheraton Grand, Embassy Suites Westshore, Westin at Tampa Airport, Doubletree Airport, Crowne Plaza Airport, and the Quality Suites Westshore. These hotels offer convenient access to and from Tampa International Airport, as well as convenient locations near the Courtney Campbell Causeway and Clearwater/St. Petersburg Beaches.

Registration

Prepaid advance registration forms must be received no later than December 19, 1997. Badges and tickets to all prepurchased events will be waiting for you at the "Advance Registration Desk" when you arrive at the meeting. The advance registration fee for an IEEE member is $245, and for a nonmember $375. The on-site registration fee for an IEEE member is $295, and $425 for a nonmember. Active student members and IEEE Life members must register and have badges in order to participate, but their registration fees will be waived. For registration information, please contact IEEE Conference Management Services, 445 Hoes Lanes, Piscatawy, NJ 08813, (732) 562-3875.

Advance Registration Form

February 1- 5, 1998 • IEEE PES Winter Meeting • Tampa, Florida USA

- **Prepaid Advance Registrations** must be received no later than *January 17, 1998*. Advance Registration will save you time as well as money. Your badge and tickets to all pre-purchased events will be waiting for you at the "Advance Registration Pick-Up" desk when you arrive at the meeting.
- **Registration Information**: call 1-800-810-4333 or 1-732-562-6346
- **Refund Policy**: Refunds will be issued for registration fees and tickets if requests are received by December 31, 1997. There is a service charge of $30 for processing refunds.

REGISTRANT(S) INFORMATION *(Please print clearly!)*

last name   first name   middle initial   Badge Name

firm, university or other affiliation

mailing address, number and street

city   state/province   postal code   country

IEEE member number   phone number   fax number   e-mail

PES Chapter name   registered companion's / children's s names (registration required for participation in any meeting activities or events)

- **Please check all appropriate boxes**

  a. ☐ Manufacturer   c. ☐ Consultant   e. ☐ Utility   g. ☐ Author   i. ☐ IEEE Officer   k. ☐ Session Chair
  b. ☐ Government   d. ☐ Marketing   f. ☐ School   h. ☐ Panelist   j ☐ PES Officer   l. ☐ Committee Chair

REGISTRATION CATEGORIES

	Advance	On-Site	Fee
IEEE Member	$ 245	$ 295	$____
ASME Member	245	295	____
Other Non-IEEE Member	375	425	____
Companion	30	35	____
Child(ren)	*No fee, but you must register your children.* Please Indicate number of children ____		

Other *(no registration fee; please check appropriate box)*: IEEE Life Member ☐   Life Member Companion ☐   Student ☐   Media ☐

TUTORIALS

				QTY		Total $
Tue	2/3	8AM-5PM	Vacuum Switchgear	___ tickets x	$125	$____
Wed	2/4	8AM-5PM	Modeling and Simulation of Power System Harmonics	___ tickets x	125	____
Thu	2/5	8AM-5PM	Distribution Management	___ tickets x	125	____

TECHNICAL TOURS *(Enter number of tickets desired; available to all registered individuals only)*

					QTY		Total $
Sun	2/1	7AM-6PM	Kennedy Space Center		___ tickets x	$30	$____
Mon	2/2	1PM-5PM	Florida Power Corp. Energy Control Center		___ tickets x	15	____
Tue	2/3	7:30AM, 1PM	Tampa Electric Polk IGCC Power Plant	*Circle Time: 7:30AM -12:30 • 1-6PM*	___ tickets x	15	____
Tue	2/3	1PM-5PM	Beckwith Electric Manufacturing Facility		___ tickets x	free	____
Wed	2/4	8AM, 1PM	Pinellas Cty Waste-to-Energy Power Plant	*Circle time: 8AM-noon • 1-5PM*	___ tickets x	15	____
Wed	2/4	8AM, 1PM	Ohio Transformer Remanufacturing Facility	*Circle time: 8AM-noon • 1-5PM*	___ tickets x	15	____
Thu	2/5	8AM-Noon	Florida Power Corp Energy Control Center		___ tickets x	15	____
Thu	2/5	8AM-Noon	University of Southern Florida Electric Vehicle and Photovoltaic Research Facility		___ tickets x	15	____

LUNCHEONS   *(Enter number of tickets desired)*

					QTY		Total $
Tue	2/3	Noon-2PM	Awards Luncheon	*Register Early! Limited number of tickets at this special price (reg $35)*	___ tickets x	$ 10	____
Wed	2/4	Noon-2PM	Student / Faculty / Industry Luncheon		___ tickets x	35	____

SPECIAL EVENING EVENT   *(Open to registered individuals only)*

				QTY		Total $
Wed	2/4	6:30-10:30PM	Fiesta Ybor!	___ tickets x	$ 45	$____

COMPANIONS' ACTIVITIES   *(Enter number of tickets desired; companions and children must be registered above to participate.)*

				QTY		Total $
Mon	2/2	9AM-4PM	The Charm of the Past Meets the Present: A Special View of Tampa	___ tickets x	$40	$____
Tue	2/3	9:30-4:30	Busch Gardens - adult	___ tickets x	48	____
Tue	2/3	9:30-4:30	Busch Gardens - child	___ tickets x	43	____
Tue	2/3	10:30-3:00	A Day at the Beach	___ tickets x	14	____
Wed	2/4	9:30-4:30	Ringling Museum of Art and St. Armand's Circle	___ tickets x	31	____
Wed	2/4	10:30-3:00	Lowry Park Zoo	___ tickets x	14	____
Thu	2/5	9:30-3:30	Salvador Dali and the Florida International Museum/Titanic Exhibit	___ tickets x	39	____

TOTAL REMITTANCE *(All payments must be in US dollars; Checks must be drawn on a US Bank)* .... $____

METHOD OF PAYMENT: VISA ☐   MasterCard ☐   American Express ☐   Check ☐ *(payable to: PES 1998 Winter Meeting)*

Card number _____   Name as it appears on card _____

Expiration date _____   Authorized signature _____

- **To Register:** Please fill out this form completely and send to:

  IEEE PES Winter Meeting Registrar
  445 Hoes Lane, PO Box 1331,
  Piscataway, NJ 08855-1331 USA
  Fax: 1-732-981-1203 *(faxed forms must include credit card information)*

> **Dont forget to reserve a hotel room!**   See *PE Review*, the PES WWW Home Page or *POWERFAX* for form.

IEEE POWER ENGINEERING SOCIETY 1998 WINTER MEETING
FEBRUARY1- FEBRUARY 5,1998

PRIOR TO THE DEADLINE, ALL RESERVATION REQUESTS MUST BE MADE THROUGH THE HOUSING BUREAU-NOT WITH INDIVIDUAL HOTELS. NO TELEPHONE REQUESTS WILL BE ACCEPTED BY THE HOUSING BUREAU.

COMPLETE THIS FORM BY NUMBERING YOUR SELECTIONS IN ORDER OF PREFERENCE. FAILURE TO COMPLETE THIS PORTION WILL RESULT IN A DELAY IN RESERVATION PROCESSING.

DEADLINE FOR RESERVATIONS IS **DECEMBER 19, 1997**. THE HOUSING BUREAU WILL NOT PROCESS RESERVATIONS PAST THE DEADLINE. AFTER THE DEADLINE ALL CANCELLATIONS OF, CHANGES TO AND REQUESTS FOR NEW RESERVATIONS MUST BE MADE WITH THE HOTEL DIRECTLY.

DO NOT SEND MONEY OR CHECKS TO THE HOUSING BUREAU. YOU MAY MAIL A DEPOSIT TO THE HOTEL UPON

RECEIPT OF CONFIRMATION. ALL REQUESTS FOR BILLING MUST BE MADE WITH THE HOTEL DIRECTLY.

IF YOU ARE SHARING A ROOM, PLEASE COMPLETE ONE HOUSING FORM PER SHARED ROOM. IF YOU ARE REQUESTING MORE THAN TWO ROOMS, PLEASE PROVIDE A ROOMING LIST. THE HOTELS WILL ACCEPT A MAXIMUM OF TWO ROOMS UNDER ONE NAME.

THE HOUSING BUREAU PROCESSES REQUESTS FOR STANDARD ROOMS ONLY. ANY SUITE REQUESTS MUST BE MADE DIRECTLY WITH THE HOTEL(WITH THE EXCEPTION OF ALL SUITE HOTELS).

PLEASE ALLOW TWO WEEKS TO RECEIVE AN ACKNOWLEDGEMENT. A CONFIRMATION WILL BE MAILED FROM THE HOTEL DIRECTLY.

MAIL TO: IEEE HOUSING BUREAU, 400 NORTH TAMPA STREET, SUITE 1010 TAMPA, FL 33602 OR FAX(813) 221-6881 (PLEASE DON'T DO BOTH)

PLEASE TYPE CLEARLY:

NAME _____ COMPANY _____

ADDRESS _____ CITY _____ STATE ____ ZIP _____

COUNTRY _____

PHONE (WK) ( )_____ FAX ( )_____
(PLEASE INCLUDE A COUNTRY AND CITY CODE IF INTERNATIONAL)

ARRIVAL DATE/TIME _____ DEPARTURE DATE/TIME _____

LIST OF ROOM OCCUPANTS _____

HOTEL REQUESTED: Please limit number of your selections in order of preference (1-8). Failure to do will result in a delay of reservation processing.

		SINGLE	DOUBLE	TRIPLE	QUAD
_____	CROWNE PLAZA WESTSHORE	$139.00	$139.00	$159.00	$159.00
_____	DOUBLETREE HOTEL AIRPORT WESTSHORE**	$95.00	$105.00	$115.00	$115.00
_____	EMBASSY SUITES	$145.00	$145.00	$155.00	$155.00
_____	HYATT REGENCY WESTSHORE (HEADQUARTER)	$152.00	$162.00	$172.00	$182.00
_____	MARRIOTT WESTSHORE	$140.00	$140.00	$165.00	$165.00
_____	QUALITY HOTEL AIRPORT PLAZA	$84.00	$94.00	$99.00	$104.00
_____	SHERATON GRAND	$144.00	$154.00	$169.00	$184.00
_____	THE WESTIN TAMPA AIRPORT	$138.00	$138.00	$158.00	$158.00

** STUDENT HEADQUARTERS (TRIPLE AND QUAD RATES ARE ONLY APPLICABLE TO STUDENTS)

ARE YOU A STUDENT? _____ _____ IF SO, WHAT SCHOOL DO YOU ATTEND? _____

SINGLE/1 PERSON _____ DOUBLE/2 PEOPLE_____ TRIPLE/3 PEOPLE_____ QUAD/4 PEOPLE _____

NUMBER OF BEDS IN ROOM_____ -SPECIAL REQUEST _____

*SPECIAL REQUESTS (KING BED, ETC.) PLEASE NOTE THAT REQUESTS ARE NOT GUARANTEED AND ARE BASED ON AVAILABILITY.

NUMBER OF ROOMS REQUESTED _____ SPECIAL NEEDS DUE TO A DISABILITY (PLEASE SPECIFY)

CREDIT CARD - ____ VISA -____ MC -___ AM ____ EXP - ___DINERS ____ OTHER - ____ DISCOVER ____ EXP DATE _____

CREDIT CARD NUMBER _____ NAMEOFCARDHOLDER_____

(HOTELS WILL NOT ACCEPT A RESERVATION WITHOUT A CREDIT CARD GUARANTEE)

DO NOT FAX AND MAIL THIS FORM. THIS WILL CREATE DUPLICATIONS.

Career Strategies

These tracks and their individual topics are covered in detail in the Conference Proceedings. In fact, the proceedings are such a great reference. Order one for yourself by calling IEEE and buying publication UH 2872-0-0-1-0.

A recommended action item for Region 3 sections is to schedule their PACE Representative to discuss the conference at the next section meeting. They can share what they've learned and generate ideas for projects that can make a difference in the section. Another action item is for the other Region 3 sections that don't have PACE Representatives to get moving and find a volunteer. Have the new PACE Representative contact Dick Riddle or Lee Stogner and they will take care of the rest. Bottom line, our goal for the year is to get full participation from all sections in the Region 3 PACE program. If you've got ideas for Region 3 PACE initiatives, please let us know and be prepared to share in the work.

Professional Awards Committee
Vernon Powers

The University of Alabama at Birmingham (UAB), Department of Electrical and Computer Engineering has been recognized by the Regional Activities Board for their exemplary support of the Region 3 Special Project, The Electrotechnology Industry Database. The UAB Department of E & CE will receive the, "Supporting Friend of the IEEE Regional Activities" Award. The time and place for the presentation has not been announced by Region 3 Director Jim Beall. This is a very great honor, and Dr. Dave Conner and Professor David Green are to be congratulated for their long time support of Region 3 and it's member service projects and initiatives.

Two Region 3 members, Mr. Lee Stogner, Region 3 PACE Coordinator, and Mr. Hernan Pena, Area 7/South Carolina Council Volunteer, received the IEEE-USA Board, "Regional Professional Leadership Award" at the 1997 Professional Activities Conference held in St. Petersburg, FL over the Labor Day weekend. Mr. Stogner received his award for, "Exemplary efforts and dedicated service in educating IEEE-USA members in the utilization of the Internet for

their profession," and Mr. Pena received his award for, " Exemplary leadership efforts in organizing "Career Transition & Employment Assistance Workshops" for members effected by the Charleston Naval Base closure." Mr Stoger also received the 1997 Region 3 "Professional Leadership Award" at the Region 3 Conference Southeastcon for his exemplary efforts in educating Region 3 members in the use of the Internet. Congratulation to both Lee and Hernan for their awards.

Two "Calls for nominations" for the Region 3 Professional Leadership Award have been issued thus far this year with one call being a broad call by the Region 3 Awards & Recognition Chair, Professor Charles Hickman. A Call for the Professional Leadership Award has also been submitted to the Region 3 Public Information Chair, Mr. Bob Duggan for review and submittal for the Fall Region 3 Newsletter which will be mailed to all members residing in Region 3. E-mail "Calls for Nomination" will be issued the first week of October and November 1997.

The PA awards committee is currently drafting a third PAOC professional award which will recognize supporters of Region 3 professional activities. The award will be discussed at the Fall PAOC meeting in Huntsville, Alabama. The award will be modeled after the RAB award "Supporting Friend of the IEEE."

STRATEGIC PLANNING

Roy Harris

This is an extremely important time for Region 3 Committees!

This is the time to review your progress for the last two years in meeting the goals and objectives adopted by your committee. Which goals did you meet?

Which ones were partially met? What did you learn that will help in setting goals by next years' committee? Suggestions for next year?

Region 3 has a Committee Goals & Objectives Report Form. This was included in the Committee Training Manual developed and used in the Committee Chair Training Session at SECON '97 by Vernon Powers. Each Committee should have a copy of this manual. If not, please contact Vernon Powers. This Committee G&O Report should be submitted at the fall EXCOM meeting in Huntsville in November.

The SPC has broad goals from Director-Elect Dale Caston. These are being used by the SPC along with the inputs and suggestions from the Region Committees to generate recommended Region 3 G&O's for 1998-9 to the Director and Director-Elect by December 1st.

As the saying goes, "the Committee Chairs' job is not done until the paperwork is complete" (reports are in).

STUDENT ACTIVITIES

Pat Donohoe

Four separate Student Branch Leadership Training Workshops are being conducted this fall at locations throughout Region 3. The workshops are designed to bring new Student Branch leaders up to speed quickly so that their branch will have a productive and rewarding year. The sites include: Tuscaloosa, AL (University of Alabama); Raleigh, NC (North Carolina State University); Nashville, TN (Vanderbilt University); and Orlando, FL (University of Central Florida). Special thanks go to Jeff Jackson, Ensign Johnson, Bill Allen and Issa Batarseh for their help in hosting these workshops.

The University of Central Florida

Branch is busy in preparation for the Region 3 Student Conference at Southeastcon '98 to be held April 24-26 in Orlando, Florida. Please encourage the Student Branches in your area to attend Southeastcon and participate in the various student competitions. For details regarding the upcoming Student Conference, see the Southeastcon '98 website at **http://www-ece.engr.ucf.edu/secon98**.

STUDENT REPRESENTATIVE

Joey Duvall

As the new Region 3 Student Representative, I am looking forward to working with Dr. Pat Donohoe, the Student Branches, and other members of the Region 3 EXCOM to make this a rewarding and productive year for everyone! I would first like to take this opportunity to commend the outgoing RSR, David Lee, on his extreme dedication and generous contributions to the Institute over the years; best of luck to David in his future endeavors. Finally, I want to extend my appreciation to the numerous Region 3 members who have helped to make this transition a smooth one.

Many student-related activities are underway including: Branch Leadership Training Workshops, preparations for the upcoming Region 3 Student Conference (at Southeastcon '98 in Orlando, Florida), and an interactive Question & Answer Pilot Project -- to name a few. Region 3 is the central test site for this Q&A Project (now in its *Beta* phase), scheduled to run through the end of October. The project was launched with the intent of helping to increase engineering student-professional interaction. This setting will allow students to receive specific answers to technical questions they may have, as well as questions regarding their careers (e.g. preparation, and advancement). Technical areas identified thus far include: Biomedical, Communications, Computers, Controls, Manufacturing, Microelectronics and Power. Participants will be able to view past and present results of the project, as prior Q&A sessions will be archived. Those interested may explore the website **http://ecenet1.eng.uab.edu/qa/**. The document entitled "about.html" gives a general overview of the system and some additional details to help student participants get started. IEEE "Graduates of the Last Decade" (GOLD) members are also encouraged to participate.

"Engineering for a new Era" is the theme for Southeastcon '98 -- members of the Student Branch at the University of Central Florida are busy planning the Student Conference program. Readers may find additional details via the Southeastcon '98 homepage at **http://www.ece.engr.ucf.edu/secon98/**, as well as throughout this edition of the Region Newsletter. Please encourage student members in your area to submit papers (deadline for student paper submission is February 13, 1998) and to become involved with the other exciting aspects of the Conference. As always, Southeastcon promises to deliver a worthwhile experience to all, so mark your calendars and plan to be a part of it!

The verdict is in! The Board of Directors' recent approval of a reduction in student dues for 1998 makes it even more appealing for new and continuing student members to reap the benefits of IEEE membership. Student members (in Regions 1-7) automatically receive the magazines *IEEE SPECTRUM* (along with its supplement, *the Institute*) and *IEEE POTENTIALS* with their membership and are encouraged to join one or more of the 36 technical societies available at a substantially-discounted rate.

As a final note, don't forget to explore the newly-expanded and entirely web-based Electro-Technologies Indus-

Student Activities Awards - SoutheastCon '97

Larry K. Wilson Regional Student Activities Award
Anthony Grieco (University of Alabama at Birmingham)

Student Paper Competition
1st Place	Rob Bierman (University of South Carolina)
2nd Place	Terry Vithoulkas (Old Dominion University)
3rd Place	Eric Hartman (University of Kentucky)

Student Hardware Competition
1st Place	University of North Florida
2nd Place	Univ of AL at Birmingham
3rd Place	Old Dominion University

Most Creative Design   University of Tennessee

Student Software Competition
1st Place	University of South Carolina
2nd Place	Clemson University
3rd Place	Univ of AL at Birmingham

Student Webpage Competition
1st Place	University of Tennessee
2nd Place	Georgia Tech
3rd Place	Mississippi State University

Southeastcon '97 Participation Award   University of South Carolina

Exemplary Student Branch Award
University of Alabama at Birmingham
Mississippi State University
University of Tennessee

Region 3 Outstanding Student Branch   University of Alabama at Birmingham

Region 3 Outstanding Student Branch Counselor
David Green (University of Alabama at Birmingham)

tries (ETI) Database **http://ie3eti.eng.uab.edu/.**

Please feel free to contact me with your questions, concerns, and suggestions regarding student activities.

COMMUNICATIONS

Brian Skelton

The Communications Committee was established to facilitate the Region's move toward more effective communications with members and a more cohesive operation at the Region level. The committee is composed of the Newsletter Editor, E-Mail Coordinator, BBS SysOp, Public Information Chair, and any other chair of a special Region 3 communications related project. This newsletter has several columns on our present projects, including the Region 3 Bulletin Board System. Region 3 has a Home Page at **http://sandbox.ieee.org/r03.**

It is a busy time in the Communications area in Region 3. I welcome comments on what this committee can do to serve our membership better.

ELECTRONIC COMMUNICATIONS

Brian Swail

Entity Web Hosting

Would your Section or Chapter like to have a web site but are in need of a web server? In January 1998 (or maybe sooner), IEEE will provide a new web hosting service for Sections and Chapters. This new Entity Web Hosting service will allow Sections and Chapters to create and maintain their own web site. The initial plan is to run a pilot with 2 Sections from each Region. If your Section or Chapter is interested in participating in the pilot or using the new service in January 1998, please send an e-mail to **ewh@ieee.org**. Indicate your name, member number, e-mail address, phone number, fax number, Section Name, Section Chair or other executive officer. Note: Chapters may only apply under their parent Section.

Volunteer E-mail Aliases

Do you have an IEEE volunteer e-mail alias, such as b.swail@ieee.org? Is it up-to-date? If it is not, please take a moment to either update or delete your IEEE alias. The URL for updating your IEEE alias is **http://www.ieee.org/eleccomm/template.htm**. If you do not have web access or need assistance, please feel free to contact me.

LEADERSHIP DEVELOPMENT

Cullen Wright

Coordinating the training course has been rewarding though sometimes frustrating. The reward comes when you meet members personally to instill/expose some of the ideas, goals, and administrative techniques along with some of the mundane procedures. The frustrating part comes with trying to get latest information out of IEEE Headquarters for inclusion in the manuals. Despite the fact we engineers are highly technical, we do not seem to have an optimal operation.

Over the past two years we have continued to improve the the manual. This past year we have included four disks with ROOTS, and REGION 3 AWARDS AND RECOGNITION MANUAL, and coming - the MEMBERSHIP DEVELOPMENT MANUAL.

But, it still remains—this training program is very effective and worthwhile when we considerthat about one hundred fifty members and officers have had the course over the past two years.

Membership Development Tools for Sections and Student Branches
Complete the following and send to the R3 MD Chair at the address in the R3 Directory on page 15.

NAME_____ Date_____ Member#_____ Section_____

SHIP TO: _____

ITEMS (All with IEEE Logos):	Cost Each	Quantity
Flyers (Frisbees)	$1.00	_____
Can Coolers (Koozies)	$1.00	_____
Pens (Black/Silver)	$10.00	_____
Coasters (Wood)	$7.00	_____
Post-It Note Dispenser (Wood)	$15.00	_____
Key Chain Flashlight	$1.00	_____
Mouse Pad	$2.00	_____
Pens (Ball Point)	$1.00	_____
Magnetic Screwdriver	$1.00	_____
Total Amount of Order		$_____

REGION 3 MEMBERS HONORED

The United States Activities Board selected Mr. Clarence Lee Stogner and Mr. Hernan E. Pena, Jr. as 1997 recipients for the IEEE-USA Regional Professional Leadership Award. Mr. Stogner, the current Region 3 PACE Coordinator, was recognized for his work in developing and delivering Internet training for the membership in Regions 1-6. Mr. Stogner has brought the Internet to a number of IEEE-USA members through his courses and hands-on coaching.

Lee Stogner

Through the Internet, these members now have access to information that benefits their professional and career needs. In addition, Mr. Stogner has contributed many hours of telephone and e-mail support in answering members questions as they install Internet software and begin to access the resources available on the network. Mr. Stogner's award citation is for "Exemplary efforts and dedicated service in educating IEEE-USA members in the utilization of the Internet for their profession."

Mr. Pena, a volunteer for the South Carolina Council, was recognized for his contributions in the development and implementation of professional activities by organizing the South Carolina Council's first Employment Assistance workshops. These provided needed employment transition, networking, personal skills assessments, resume preparation, and job-search information to IEEE members and non-members affected by the Charleston Navel Base closure in 1995. Mr. Pena almost single handily organized the workshops, and his intensely focused effort helped other engineers adjust to a difficult employment situation.

Mr. Pena is very deserving of the recognition, and his award citation is for "Exemplary leadership efforts in organizing "Career Transition & Employment Assistance workshops" for members affected by the Charleston Naval Base closure."

RIDDLE ACCEPTS IEEE USAB CHAIR'S CITATION

Dick Riddle

Mr. Richard (Dick) Riddle, the Region 3 Professional Activities Operation Committee Chair and IEEE USAB Employment Assistance Committee Chair, accepted for his Employment Assistance Committee the USAB Chair's Citation for establishing, expanding, and enhancing the IEEE- USA Job Listing Service. The Job Listing Service, accessible via the Worldwide Web and Internet e-mail, was established three years ago and is the most popular offering on the IEEE's Web site. Under Dick Riddle's leadership, the Job Listing continues to provide a valuable service to those unemployed IEEE members. Congratulations to Dick and the EAC for a job well done.

CALL FOR NOMINATIONS
REGION 3 PROFESSIONAL LEADERSHIP AWARD

The Region 3 Professional Activities Awards Committee, a subcommittee of the Region 3 Awards and Recognition Committee, is soliciting your support in identifying deserving members who have been active in Region 3 professional activities. Take a few minutes and fill out a nomination form or contact Vernon Powers at <v.powers@ieee.org> for assistance. All nominations should be e-mailed or US mailed to the attention of Vernon Powers, the PAOC Awards Chair, or to Charles Hickman, Region 3 Awards & Recognition Committee Chair, prior to the December 1, 1997 deadline. Your support is appreciated.
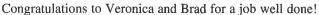
IEEE-USA STUDENT PAPER WINNERS - UAB STUDENTS SELECTED

Ms. Veronica Powell and Mr. Bradford Baugh presented a professional paper titled, "Internet Technology as a Job Search Medium" at the 1997 Professional Activities Conference in St. Petersburg, Florida on August 31, 1997. Ms. Powell, 1996 UAB IEEE Student Branch Chair, and Mr. Baugh , 1996 UAB IEEE Student Branch Vice Chair, co-authored the paper. It was one of two papers selected to share "first place" honors. Their paper discussed the Internet as a new environment for job hunters. Discussed was the infrastructure of the Internet, its continuing evolution of better tools to aid in the job search, and the new human- computer relationship. The paper was recognized by Mr. Charles Lessard , PACE Network Chair, at the United States Activities Board (USAB) Awards ceremony on Sunday, August 31st.

Congratulations to Veronica and Brad for a job well done!

Veronica Powell

Bradford Baugh

UAB, DEPARTMENT OF E&CE TO BE HONORED

The IEEE Regional Activities Board (RAB) has selected the University of Alabama - Birmingham's Department of Electrical and Computer Engineering as the 1997 recipient of the "Supporting Friend of the IEEE Regional Activities" award.

The UAB Department of E&CE has been a long time supporter of IEEE. It was selected for its outstanding support of the Region 3 Special Project, "Electro-Technology Industry (ETI) Database" which the University has supported for the last three years. This award consists of a plaque which carries the following citation: "To recognize the development and support of a member service project titled 'Electro-Technology Industry (ETI) Database'."

The time and place of the Award presentation has not been determined, but this will be announced by Director Jim Beall at the November 1997 Region 3 Executive Committee meeting in Huntsville, AL.

REGION 3 STUDENT PROFESSIONAL ACTIVITIES SERVICE AWARD

Do you know a deserving student member who as a volunteer has performed extremely well in activity advancing the professional aims of the IEEE in Region 3 (Southeast U.S.)? The Region 3 "Student Professional Activities Service Award", the first award of its kind in the Institute, was developed by the Region 3 Professional Activities Operation Committee to recognize a student member who has made specific contributions to the membership in the area of professional activities. For more information contact Vernon Powers at **v.powers@ieee.org** or call (770) 449-6161.

STUDENT BRANCH TO CHAMPION ETI MEMBERSHIP INITIATIVE

The University of Alabama at Birmingham (UAB) IEEE Student Branch will champion a subtask of the Region 3 Electo-Technology Industry Database Special Project, Phase 5. This will offer undergraduate and graduate students an employment service not normally available without significant cost. Led by UAB Student Branch Chair Stuart Thompson, the project will promote the IEEE Electro-Technology Industry (ETI) Database that contains over 43,000 employers of electro-technology professionals. The ETI Database is accessible only to IEEE student and professional members and thus will be a Region 1-6 Student Branch membership promotion.

The UAB Student Branch, supported by the Region 3 Professional Activities Operation (PAO) and Student Activities Committees, will make available promotional materials to each of the over 400 US Student Branches. The initiative was kicked-off in September with completion by 31 December. The UAB Student Branch will provide user statistics on system access, report program milestones, and report periodically to key Region 3 officers and the RAB/IEEE-USA SAC Chair. This initiative is an innovative approach toward reversing the decline in US student membership while publicizing our ETI Database to all US student members.

ELECTRO-TECHNOLOGY INDUSTRY (ETI) DATABASE

Want to know who hires IEEE members?

Region 3 maintains a national database of electro-technology companies, and it's available to IEEE members. The ETI Database is now accessible via the World Wide Web at **http://sandbox.ieee.org/r03/eti** or send a blank Internet e-mail message to **eti-info@eng.uab.edu**.

For Employment Assistance Information contact Dick Riddle, Region 3 Professional Activities Operation Chair at **r.riddle@ieee.org**.

ATTENTION ETI DATABASE USERS

Announcing the IEEE BETA of the enhanced all web-based Electro- Technology Industry (ETI) Database system! Region 3 is pleased to be testing this new extension of the ETI Database to better help our users gain access to information on companies throughout the continental United States.

Give it a try by pointing your Internet web browser toward **http: //ie3eti.eng.uab.edu/**.

Recent improvements include...

* Real-time web-based response
* Additional company information
* Additional IEEE member databases for automated registration
* New tools for faster ETI Database team support to user requests

For more information e-mail the ETI Database administrative team at **eti-admin@eng.uab.edu** or Vernon Powers at **v.powers@ieee.org** .

THE REGION 3 BULLETIN BOARD SYSTEM - THIRD YEAR OF OPERATION

Did you know that Region 3 is the only IEEE Region in the Institute which has an electronic Bulletin Board System (BBS) available to its membership? Your BBS went operational in January 1995 and is well into its third year of operation. To date, the BBS has averaged over 100 calls per month with approximately 20% of the calls being from outside the geographic boundaries of Region 3. When you have a few minutes, log-on and browse the BBS. You will be pleasantly surprised at the breadth of information available.

The primary basis for the BBS is to make information available to those of our members who have a computer and a modem, but not necessarily e- mail or Internet access. Region 3 has a toll free number (1-800-555- REG3) for those members living within Region 3 (area code 404 and 770 use 770-446-0740), and members from outside the Region are welcome to access it at 770-446-0740.

The Region has allocated menu space to all Region 3 entities so they can have their own remote BBS on toll-free phone lines. If your Chapters or Section committee is interested in utilizing this unique Region 3 resource, contact the BBS Sysop, Vernon Powers, at <v.powers@ieee.org>.

STUDENT BRANCH VOLUNTEERS NEEDED - SPECIAL PROJECT SUPPORT

If your Region 3 Student Branch is interested in supporting a Region member services Special Project, contact the Region 3 Student Activities Committee Chair, Professor Pat Donohoe, at **j.donohoe@ieee.org**, Region 3 Student Representative Ms. Joey Duvall at **j.duvall@ieee.org**, or Region 3 Special Projects Coordinator Vernon Powers at **v.powers@ieee.org**.

EMPLOYMENT SERVICE "USER CARDS" AVAILABLE

Contact your local PACE Representative and request an Electro-Technology Industry (ETI) Database "User Card". This business-size card contains both Internet e-mail and World Wide Web addresses.

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Sections' Congress '99

October 10-13, 1999

Minneapolis Hilton Hotel
Minneapolis, Minnesota

Daniel W. Jackson
Sections Congress '99 Coordinator

It is not too early to be planning for the sixth triennial Sections Congress hosted by the Twin Cities Section of Minneapolis and St. Paul. As in the past, each Section is expected to pay at least part of the expenses of its primary delegate. Is your Section setting aside funds now in 1997 and budgeting funds in 1998 & 1999 for your delegate? Region 3 is planning to assist the Sections in the region, but each Section must do its part as well. Total on-site ground expenses are estimated at $ 600 per delegate plus air fare. For more information contact me at **d.jackson@ieee.org** or at 540-774-0484.

Minneapolis will be great in the early fall. Let's have all 43 Region 3 Sections represented in 1999. Get your plans in order NOW. IT'S NEVER TOO EARLY !!