

IEEE Central Texas Section

ANALOG NEWSLETTER

Volume 50-01

Newsletter of the Central Texas Section of the Institute of Electrical and Electronic Engineers, Inc.

Published monthly (Deadline for inclusion is the 25th day of the previous month). Dawn Roberson, Editor, (robersondj@ieee.org). Have a question or comment? [Contact us.](#)

[Central Texas Section Webpage](#)

[Central Texas Section calendar](#)

4. Local Conferences

Call for Papers: 7th Annual IEEE-UT EMC 2006: The Role of Technology in our Economy.

Conference will be Aug 10-11, but abstracts are due **15 Jan 2006**.

Conference website:

www.ieeeUTemc.org for more details.

2006 Region 5 Technical, Professional & Student Conference -

<http://www.2006ieeer5conference.com> to be held in San Antonio.

IEEE Int'l Systems-On-Chip (SOC) Conference 2006

will be held in Austin Sept 24-27. The *Call for Papers/Workshops/Tutorials* is due **April 14**. Conference website:

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1+. Conference website.
<http://www.ieee-socc.org>.

2006 World Congress on Information Technology Brings Legacy to Texas.

The World Congress on Information Technology (WCIT 2006) accepted the official crystal from WCIT 2004 symbolizing Austin, Texas, as the next official host of the 15th World Congress. The World Congress, which will be held in Texas May 1-5, 2006, will attract an estimated 2,000 global leaders from business, government and education to discuss IT policy, direct the future of technology, and drive social and economic development.

<http://click.austinxl-mail.com/sp/t.pl?id=926096:371346593>

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Conferences affected by the Hurricanes of 2005

IEEE PES Transmission & Distribution Conference & Exposition. The IEEE Power Engineering Society Governing Board has come to the conclusion that the most reasonable course of action is to postpone the meeting until Spring 2006. Check the conference website for details.

5. Presentations of Interest

WebSphere User Group on January 26, 2005, 6:30 pm @ IBM, Austin SOA in the Enterprise Architecture, by Rob High/IBM Chief Architect for SOA Foundation. Contact [Steve Teleki](#) for more info.

How to become a Licensed Engineer if you don't work for a PE?

The Bexar & Travis Chapters of the Texas Society of Professional Engineers

- [Call for Education Activity Board Awards](#)
- [Call for IEEE Foundation Awards](#)
- [Member Portal](#)

4. [Local Conferences](#)

- [Conferences affected by hurricanes Katrina and Rita](#)

2006:

- IEEE Region 5 Technical, Professional and Student Conference
- World Congress on Information Technology

5. [Presentations of Interest](#)

1. Section Activities

Chairman's Column

Election of Officers

The election process for the Section will be completed at the end of Jan annual Spring Planning Meeting. Your new officers for 2006-07 will b

The IEEE VISION and MISSION

While attending the recent IEEE Sections Congress meeting I made a n MISSION (<http://www.ieee.org/portal/pages/corporate/vision.xml>) in o had been quite a bit of discussion about the IEEE Vision and Mission s members of IEEE haven't read these statements, but they say a lot abou headed. I wanted to take this opportunity in my last column as Section t attention of our members.

VISION - To advance global prosperity by fostering technological inn and promoting community world-wide.

MISSION - The IEEE promotes the engineering process of creating, de applying knowledge about electro and information technologies and sci the profession.

While we are an organization bent on technological advancement, I thi is more than simply advancing science. We are part of an increasingly g fellow engineers, suppliers, and customers from all over the world. The

As we travel due to business, or even vacation, take the opportunity to destination. Whether you join then for an informal social gathering, atte the opportunity to share your expertise with them as a speaker, IEEE of with fellow engineers around the world.

(TSPE) have developed a program to help qualified engineering candidates, who do not work for PE's, to interact with licensed engineers. The purpose of this program is to assist qualified engineering candidates who do not work for licensed engineers overcome the obstacle of finding PE's as references. As indicated on the Texas Board of Professional Engineer's (TBPE) website (below), in addition to the engineering degree and exams*, it is necessary to have references from engineers who are licensed. This is a problem for candidates in certain industries; the Bexar Chapter TSPE wants to offer a solution to this problem. Our plan is a three-fold program:

1. Candidates join NSPE/TSPE (as associate members) and attend Bexar Chapter TSPE meetings. When you join, please notify John Brogan with the Bexar Chapter or Timothy Martin with the Travis Chapter of your specialty and needs and he will help with introducing you to the appropriate people in your field.
2. Candidates get involved in Bexar Chapter TSPE projects and become acquainted with members. In this way, the members can later attest to the character of the candidates.
3. Candidates meet briefly with PE's in their specialty after regular meetings to show examples of their work. By doing this, PE's can attest to the fact that these engineers are doing "engineering work" based on their personal knowledge of the candidate.

How long does this take? The time frame may vary and be dependent on the candidate's presentation of his or her work, amount of experience, and Chapter PE's level of comfort in gaining enough personal knowledge of a candidate to serve as a reference. The

CTS Web Site Updated

The Section Web site (<http://www.ieee.org/CTS>) is in the process of being updated to be the most current information about the Central Texas Section.

Membership Advancement

At the Senior Member Upgrade night we held in Austin a few weeks ago, we seek assistance with their upgrade applications. We are pleased that 52 members were approved for advancement to the rank of Senior Member. Planning is a Member upgrade nights in both Austin and San Antonio during 2006. I encourage all members to attend, watch the Analog for an announcement of an upgrade night.

As Always, we look to you, the members, for feedback. If you have any questions, contact me at John.Purvis@ieee.org.

John Purvis III, P.E.
Senior Member IEEE
Central Texas Section Chair

-- Spring Planning Meeting - Mark your Calendar!

All Section and Chapter Officers are invited to attend the Spring Planning Meeting at the Quality Inn in San Marcos from 9-3. For more details contact your Chapter Chair.

-- Chapter News

-- E week

E Week for 2006 is late February. These local activities are planned.

Wednesday Feb 22 Student Breakfast

Thursday Feb 23 Past Presidents Luncheon

Friday Feb 24 Golf Tournament

Saturday Feb 25 Skeet Tournament

Saturday Feb 25 Engineers Week Banquet in the evening.

If you would like to participate, contact Ed Pruske at ed.pruske@psiusa.org

-- Continuing Education

Software Project Management Certificate Program (online or onsite)

PE Exam Review

Test Masters' review course and workshops in San Antonio, TX for Principles and Practice Exam

Texas engineers that have inquired about the Test Masters' Electrical PE Exam realization traveling to Houston is inevitable. That is until now. The course in the past. I am currently in the process of trying to recruit electrical engineers to the course and workshops in San Antonio for the April 2006 Principles and Practice Exam. If you are interested in attending, please contact me (Dana) at dana@psiusa.org

candidate to serve as a reference. The desired result will be that potential applicants for an engineering license will have an opportunity to be mentored and obtain PE references.

*** Note:** There is still a method of obtaining a P.E. license in Texas without taking exams if the candidate meets the education requirements and has sufficient work experience. Go to the TBPE website for further details. Some restrictions apply.

For licensing information go to:
<http://www.tbpe.state.tx.us>

For information about joining the Travis Chapter TSPE and its meeting times and places go to: www.tspe.org

For Information about the Travis Chapter TSPE PE reference program contact: Timothy J. Martin, Martin@fugro.com or phone 512.977.1837

For information about joining the Bexar Chapter TSPE and its meeting times and places go to:
<http://www.tspe.org/index.cfm?id=1083>

For Information about the Bexar Chapter TSPE PE reference program contact: John A. Brogan jabrogan@cps-satx.com or phone 210-353-3375

For confirmation of acceptance of this program by the Texas Board of Professional Engineers contact: Donald E Willhouse PE, Director of Licensing for TBPE at:
Donald.willhouse@TBPE.State.Tx.US
 512-440-772

[IEEE Activities and Links](#)
[Your IEEE](#)
[Calls for Papers](#)
[IEEE Xplore](#)

Student Branches

St Mary's University - San Antonio ([for more information](#))
 Faculty Advisor: Djaffer Ibaroudene, Email: dibaroudene@stmarytx.e

Trinity University - San Antonio
 Faculty Advisor: Farzan Aminian, Email: farzan@engr.trinity.edu
 Branch President: Brandi House, email: brandi.house@trinity.edu

University of Texas at Austin ([for more information](#))

University of Texas at San Antonio ([for more information](#))
 Faculty Advisor: Yufang Jin, Email: Yufang.Jin@utsa.edu

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2. Chapter Activities

Multiple Chapters

Joint Meeting between Engineering Management and Women in En

Topic or Presentation Title: *Scanning the Marketplace - How to Man*
Date and Time: Tuesday, January 24
Cost: \$20 (members); \$30 (nonmembers) \$15 (students)
Reservations: RSVP to: lmartinich@ieee.org
Meeting Location: Thompson Conference Center, Austin, <http://www.1>

This month, we begin our three-part series on [New Product Developm](#) series, offered in conjunction with [PDMA](#) and [PMI](#), will provide you v delivering new products. One of the most important tasks facing engin to deliver new products or services. To help our Central Texas membe in collaboration with other organizations, on *the process of delivering n*

For the purpose of illustration, we will focus on the *hardware industry*, domains as well.

January 24, 2006 *Scanning the horizons*: what industry and technology The important first step is to look outward and *assess TRENDS* that wil

February 28, 2006 *Charting your course: selecting the right products f* involves assessing your team's strengths and resources, and choosing th you can build a successful business. We will consider a fascinating cas chose the right direction for their team.

March 28, 2006 *Delivering*. Now that you've selected your product, wl

[What's New at IEEE](#)
[IEEE Standards Association](#)
[About the IEEE](#)
[The Spectrum](#)
[IEEE-USA](#)

To contribute information to this electronic newsletter, please send it by e-mail to robersondj@ieee.org.

delivering that product to the market? This is where you finally turn y

Speaker for the January meeting: **Phil Pompa** - Sr. Vice President of I SigmaTel

With more than 25 years of experience in marketing, applications and s the semiconductor industry, Phil Pompa brings to SigmaTel an extensiv excellence.

SigmaTel converts real world into a digital experience! With its innovat portable digital audio markets. SigmaTel continues to lead the market (with a wide range of mixed-signal ICs that convert real world analog si digital signals.

Phil's most recent experience includes the positions of Vice President o at Advanced Micro Devices and Co-Founder and Vice President of M& He also held management positions with Motorola and IBM. His exper technology companies and entrepreneurial start-up companies is an asse success of SigmaTel.

Phil earned a Bachelor of Science in Electrical Engineering in 1978 and Administration in 1982, both of which he received from Stanford Univ

Joint Signal Processing/Communications Society [for more informati

Topic or Presentation Title:

Speaker:

Date and Time:

Cost:

Reservations:

Meeting Location:

Directions:

Joint Circuits and Systems/Solid-State Circuits (New Chapter!)

Topic or Presentation Title:

Speaker:

Date and Time:

Cost:

Reservations:

Meeting Location: Pok-e-Jos on 5th Street in Austin.

Directions:

Subsequent meetings will be held the 2nd Tuesday of every month at 6 For further information, contact Mike Seningen at seningen@ieee.org

Computer Society - Austin [for more information]

Topic or Presentation Title: Home and Building Automation Controls

Speakers: Wayne Caswell

Date and Time: January 16, 2006, 6:30 pm

Cost: Free

Reservations: None required

Meeting Location/Directions: [National Instruments, 11500 North MoI TX 78759](#)

Future meetings:

February 15: Beyond the System Shall--A Journey from Good to Grea
Joe Shideler

See <http://austin-cs.org/> for detailed directions and for last minute inform
the public.

Computer Society - San Antonio [[for more information](#)]

Topic or Presentation Title:

Speaker:

Date and Time:

6:30 p.m. - Networking; 7:00 p.m. - Dinner; 8:00 p.m. - Progr

Cost: \$10 members/ \$2 students/\$13 non-members

Reservations: Required Yu Zhang, yzhang@cs.trinity.edu or (210) 999

Meeting Location: Skyline Room, Coates Center, Trinity University, S

Directions: Please note that we have parking instructions on the Web s
reserved for Alamo Stadium Event parking. Please check out the instr
cs.utsa.edu/~cs/meeting_details.htm for the parking by Laurie Auditorium.

More information on the program is available at our Web site <http://www>

The meeting is open to the public.

Consultants Network [[for more information](#)]

Topic or Presentation Title:

Speaker:

Date and Time: networking at 6:00 pm

business and program from 7:00 pm to 8:30 pm

Cost:

Reservations:

Meeting Location: China Star Restaurant, 6134 Hwy 290 E, Austin TX
(North side of 290E, east of IH 35)

Directions:

The consultants' web directory has been updated. The directory is to be
<http://www.alesu.com/xltp/ieeecocons/listzero.htm>

Electromagnetic Compatibility Society [[for more information](#)]

Topic or Presentation Title:

Speaker:

Date and Time:

Cost:

Reservations:
Meeting Location:
Directions:

For more information, see the EMC website (above). [IEEE EMC Sy](#)

For the first time since 1997, the IEEE EMC Symposium will be return Central Texas EMC Society was recently awarded the 2009 Symposium putting on another great event. If you are interested in assisting with th contact information.

-- *Electron Devices Society* [[for more information](#)]

Notice new meeting location!

Topic or Presentation Title:

Speaker:

Date and Time:

Cost:

Reservations:

Meeting Location: Room 3-D SEMATECH
2706 Montopolis Dr., Austin, TX 78741

Directions: <http://www.sematech.org/corporate/map.htm>

Entry Directions: The visitor lobby is open until 6pm. Anyone arrivin; Park in the second parking lot on the right and enter near the flag pole, After 6pm, everyone needs to enter through the east lobby. Park in the through the door with the ATDF sign over it. **Refreshments: 6pm - 6**

-- *Engineering in Medicine and Biology* [[for more information](#)]

Topic or Presentation Title:

Speaker: Dr C. Mauli Agrawal, Interim Dean, College of Engineering,

Date and Time: Wednesday, January 11, 6:30 networking, 7:00 dinner

Cost: \$10 members/ free students/\$15 non-members

Reservations: RSVP to [Garrett Polhamus](#)

Meeting Location: Loeffler Room, BSB 3.03.02, UTSA Campus

Directions: <http://www.utsa.edu/maps/1604/>

We have an exciting Spring planned.

Feb 16: Mary Lou Fink - Joint Meeting with CS-SA, WIE and EMBS

March - we have asked Dr Kay Robbins to present on her research.

For further information, please contact Dawn Roberson, 210-458-5520

-- *Engineering Management* [[for more information](#)]

Topic or Presentation Title: *Scanning the Marketplace - How to Man*

Date and Time: Tuesday, January 24

Cost: \$20 (members) \$30 (nonmembers) \$15 (students)

Reservations: RSVP to: lmartinich@ieee.org

Meeting Location: Thompson Conference Center, Austin, <http://www.1>

Other Upcoming Engineering Management Events:

This month, we begin our three-part series on [New Product Developm](#) series, offered in conjunction with [PDMA](#) and [PMI](#), will provide you v delivering new products. One of the most important tasks facing engin to deliver new products or services. To help our Central Texas membe in collaboration with other organizations, on *the process of delivering n*

For the purpose of illustration, we will focus on the *hardware industry*, domains as well.

January 24, 2006 *Scanning the Marketplace - How to Manage a industry and technology changes are affecting the future? The importa assess TRENDS* that will impact your future business.

February 28, 2006 *Charting the Course - Managing Trade-offs betwee. Requirements* for your team. The critical next step involves assessing y and choosing the one or two product areas in which you can build a su fascinating case study of how a group of leaders chose the right directic

March 28, 2006 *Delivering the Results - Project Management in New 1* you've selected your product, what is the *process for successfully delive* is where you finally turn your ideas into cash.

For other information about the Engineering Management Society activ http://www.ewh.ieee.org/r5/central_texas/ems/

For information regarding chapter activities (and those wanting to volu (leslie@competitivefocus.com) (512-423-5121).

Graduates of the Last Decade (GOLD)

Topic or Presentation Title:

Speaker:

Date and Time:

Cost:

Reservations: Kristi Hummel, khummel@ieee.org

Meeting Location:

Directions:

Please send an email to Kristi Hummel khummel@ieee.org if you plan

Laser and Electro Optics Society

Topic or Presentation Title:

Speaker:

Date and Time:

Cost:

Reservations:

Meeting Location:

Directions:

For more information, contact Ray Chen raychen@uts.cc.utexas.edu.

Power Engineering Society [\[for more information\]](#)

Topic or Presentation Title: *Generator Power Systems*

Speaker: Kato Light, Cliffort Power

Date and Time: Tuesday, January 24:

6:00pm Social

6:30-7:00 Dinner

7:00-7:30 Business Meeting

7:30-8:30 Program

Cost: Dinner is \$10.00 – IEEE Members

\$12.00 – Non-IEEE Members

Free for students.

Reservations: RSVP to Stacy L Smith [stacy.smith@austin.utexas.edu]

<http://www.ewh.ieee.org/soc/pes/centraltexas/index.htm>.

Meeting Location: New location

Directions:

Exciting 2006 Schedule:

February 28: Lighting

March 28: *Tour of the Austin District Chilled Water Plant - Austin En*

April 25: Switch Gear

May 23: *Fire Stopping*, Mario Hernandez, 3M

June 27: *Reactive Power: Billing and Costs*

July 25: *Ethics Class - CW Clark, Texas PE Board*

August 22: *LCRA River Monitoring System*

Sept 26: *Anatomy of an Accident: How Lack of Documentation Will C*
TXDOT

October 24: *Black Start: Recovery of Grid After Emergency Operatio*

November: *Alcoa Plant Tour*

For further information, please contact Susan Thompton or Roy Matthe

Product Safety Engineering Society [\[for more information\]](#)

Topic or Presentation Title: *National Sanitation Foundation Overview*

Speaker: Dale Ritzen, Quality Manager, Austin Manufacturing Service

Date and Time: Tuesday, January 17

Cost:

Reservations:

Meeting Location: Dell, Parmer Campus, Parmer South Building 4, Vic

Directions: Call Dale Ritzen (512) 651-5338 for details and directions.

We encourage you, others in your organization, or other interested parties to attend the PSES meeting every month. The PSES meets every month on the third Tuesday of every month at 7pm, except in November/December. A combined monthly meeting for members and guests to enjoy the Thanksgiving and Christmas holidays. For more information on PSES, please contact Dale Ritzen at (512) 651-5338.

Upcoming Meetings:

February 21: "EMC for Product Safety Professionals", Rich Worley, E

Chapter Chair: Daniece Carpenter (daniece_carpenter@dell.com).

Women in Engineering [[for more information](#)]

Joint Meetings with the Engineering Management Society - January through

Topic or Presentation Title: *Scanning the Marketplace - How to Manage*

Date and Time: Tuesday, January 24

Cost: \$20 (members); \$30 (nonmembers) \$15 (students)

Reservations: RSVP to: lmartinich@ieee.org

Meeting Location: Thompson Conference Center, Austin, <http://www.1>

Women in Engineering has been an Affinity Group of the Central Texas Section since 1998. Activities have been until now, Austin-based, with programs, events and networking in the Austin area. We are delighted to announce that WIE is now expanding to San Antonio. Mercy Luhanga, Yu Zhang and Dawnlee Roberson are leading the effort in San Antonio and have an exciting Spring planned! We look forward to establishing a San Antonio group and evolving to two active groups. The San Antonio group will meet on February 16 with the Computer Society-SA and Engineering in Medicine and Biology Society at Trinity University's Skyline Room, and more fun meetings planned for the Spring.

In February, the San Antonio Affinity group will have a joint meeting with the Computer Society-SA and Engineering in Medicine and Biology society at Trinity.

Additional details are posted on the WIE website at <http://ewh.ieee.org/>

Editor's Notes

The goal of this newsletter is to provide the more than 4700 members of the IEEE Central Texas Section with meaningful information. We welcome contributions and suggestions that will help us better serve our members. Please contact the editor, Dawn Roberson at robersondj@ieee.org if you have any suggestions. The deadline for submission is the 25th of the month.

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3. IEEE Info

[THE INSTITUTE](http://www.ieee.org/theinstitute) : can be found at <http://www.ieee.org/theinstitute>

IEEE Member Benefit:

IEEE Members access the world of technology. Search more than 1,10
Subscribe to IEEE Society publications at low, member-only rates. Pur
- or save even more when you subscribe to the IEEE Member Digital L

Get the most from your IEEE membership -- find out how today:

<http://boldfish.ieee.org/u/market8+/04196044>

[IEEE-USA NEWS & VIEWS](http://ieeeyusa.org/careers/) : IEEE Career-Building Resources: *B
career-building resources, including articles and product and service no
NAVIGATOR at: <http://ieeeyusa.org/careers/>. IEEE XELL [a.k.a. Expe
SUPPORT

Partnership Agreement Signed with THO

A Courseware Development and Distribution Agreement has been sig
produce and distribute a collection of courses entitled Expert Now IEE
enabled Thomson and IEEE to undertake an official product launch on
Agreement is for one year beginning on the effective date of September
began in July, 2005. During this period, the Director of Continuing Edu
Activities (EA) worked with Thomson to highlight the features and ber
process for Expert Now IEEE with Thomson regional sales teams. At t
of 155 Thomson sales Account Managers and Learning Consultants ha
is seen as a potential solution for many of Thomson's existing clients. A
sales team has started to educate their clients about Expert Now IEEE.

Early sales negotiations have started with two corporate clients and one
has been developed by Thomson and agreed to by IEEE for institutional
modules are complete and it is estimated that the collection will contain
development of an additional 24 modules is already being funded by 14
that this number will grow as we move into 2006 and sales of the produ
being developed cooperatively between IEEE and Thomson. It is sched
2006 Board meeting. Early in the first quarter of 2006, a meeting is bei
Activities (EA) Liaisons to develop a system that ensures the very best
selected and the quality review process is reviewed and expanded.

For more information on Expert Now, please go to <<http://www.ieee.o>
For questions CONTACT Marilyn Catis, telephone +1 732 562 5323;
Gallus, telephone +1 732 562 5499; "[MailTo: t.gallus@ieee.org](mailto:t.gallus@ieee.org)".

*editor's note: I wandered through these, and they seem to be free at thi
eventually be a cost, but the topics varied from tutorial to more details,*

Database Offers Examples of Design Unions!

Database Offers Examples of Pre-University Activities

A new section of the IEEE Web site has been developed to help IEEE various activities being conducted in IEEE sections related to pre-university technology education. Created by IEEE Educational Activities with support from the IEEE Pre-university Activity Network consists of two parts:

- *a public area that details current and upcoming activities worldwide
- *a password-protected database for IEEE members and volunteers to share and best practices for display on the site

There are currently about 70 examples of IEEE pre-university activities in the IEEE Pre-university Network, visit <http://www.ieee.org/eab/preuda>
Doug Gorham, IEEE Educational Activities; telephone +1 732 562 5496; "a
Ickowicz, IEEE Educational Activities; telephone +1 732 562 5496; "a

U.S. Energy Dept. Seeks Nominations for 1

The U.S. Department of Energy invites nominations for the Ernest Orlando Lawrence Award, the oldest and most prestigious science and technology awards given by the DOE. The Awards honor U.S. scientists and engineers, at mid-career, for exceptional development supporting the Department of Energy and its mission to assure the energy security of the United States.

Nominees must be U.S. citizens in mid-career and show promise for continued research. DOE encourages the nomination of women and minority candidates, at research universities and national laboratories.

The Award consists of a citation signed by the Secretary of Energy, and an award is given in each of the following fields: Chemistry, Materials and Technology, Life Sciences (including Medicine), Nuclear Technology and Security and Non-Proliferation and High Energy and Nuclear Physics. Nominations for the award should be sent no later than 31 January 2006. For a brochure and background information about the Ernest Orlando Lawrence Award, visit <http://www.sc.doe.gov/lawrence/>.

Call for EAB Award Nominations

The IEEE Educational Activities Board is accepting nominations of IEEE Educational Activities Board Awards. The deadline for nominations is 30 April 2006. Awards include: IEEE Development Award, IEEE EAB Meritorious Achievement Award in Continuing Education, IEEE EAB Meritorious Achievement Award in Continuing Education, IEEE EAB Meritorious Achievement Award, IEEE EAB Pre-University Educator Award, IEEE EAB Meritorious Achievement Award, IEEE EAB Employer Professional Development Award.

For award descriptions, honorarium details, and nominations packets, visit http://www.ieee.org/portal/cms_docs/education/EABAwards/index.htm
Awards contact eab-awards@ieee.org.

IEEE Foundation Announces 2006 Application

The IEEE Foundation, the philanthropic arm of the IEEE, will accept innovative projects that seek to improve the worldwide technological literacy through adulthood in three cycles in 2006. Projects should:

1. Improve primary and secondary math and science learning,
2. Prepare pre-university students to consider engineering as a career path
3. Increase active interest in engineering and science,
4. Preserve the history of IEEE associated technologies,
5. Tap the technological expertise of IEEE members,

Application deadlines:

Applications Due IEEE Foundation Meeting Date

January 7, 2006 March 2006

April 15, 2006 June 2006

September 16, 2006 November 2006

To learn more about the IEEE Foundation's grant guidelines, and to submit applications, visit the web at www.ieeefoundation.org.

IEEE membership portal

We hope all Section members are taking advantage of the new IEEE Membership Center. The Center is supplying interesting content which will be featured on the membership portal at <http://www.ieee.org/myieee>.

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