IEEE Central Texas Section

ANALOG NEWSLETTER

Volume 50-02

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

2006 IEEE Intl Conference on Microelectronic Test Structures will be held March 6-9, 2006 at the Hyatt Regency on Town Lake in Austin. The conference website is: http://www.see.ed.ac.uk/ICMTS.

2006 IEEE International Symposium on Performance Analysis of Systems & Software (ISPASS) will be held in Austin at the Hyatt Regency, March 19-21. The conference website is: http://www.ispass.org/ispass2006/

2006 IEEE Region 5 Technical, Professional & Student Conf.

CONTENTS

Professional & Student Conference will be held April 7-9 in San Antonio. The conference website is: http://www.2006ieeer5conference.com

First Austin Conference on Integrated Systems and Circuits will be held May 15-17, 2006. Abstract submissions are due 17 Feb. The conference website is: www.acisc.org

2006 World Congress on Information Technology Brings Legacy to Texas. . 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://www.wcit2006.org

7th Annual IEEE-UT EMC 2006: The Role of Technology in our Economy. August 10-11. Conference website: www.ieeeUTemc.org for more details.

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: http://www.ieee-socc.org.

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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.

- Call for IEEE Foundation Awards
- Member Portal

4. Local Conferences

- Conferences affected by hurricanes Katrina and Rita

2006:

- IEEE Int'l Conference on Microelectric Test Structures
- IEEE Int'l Symposium on Performance Analysis of Systems & So
- IEEE Region 5 Technical, Professional and Student Conference
- First Austin Conference on Integrated Systems and Circuits
- World Congress on Information Technology
- 7th Annual IEEE-UT EMC 2006: The Role of Technology in ou
- IEEE Int'l Systems-on-Chip (SOC) Conference

5. Presentations of Interest

1. Section Activities

Chairman's Column

Thanks to all who attended the Spring 2006 Central Texas Section plann election for the 2006 – 2007 term was completed, and we heard reports f committee chairs and student chapters for the second half of 2005 and lo thanks to our outgoing chairman, John Purvis, for his leadership; I will b smooth transition.

CTS Officers for 2006-2007 term are:
Chair – Clif Denny: Clif Denny
Vice Chair - Austin: Sherry Gillespie
Vice Chair - San Antonio: Garrett Polhamus
Treasurer: Scott Atkinson
Secretary: Oscar Moireira

Our next task will be for the ExCom to approve the Section budget and Publicity Chair and Electronic Communications Manager. Please let me volunteering for these positions. The IEEE is run by the members, so do

There are also three meetings in the immediate future. CTS is participati Antonio on February 28, 2006, PACE is holding the annual leadership 2006, and the Region 5 annual meeting will be in San Antonio on April section, chapter and student chapter officers to attend.

Finally, I will be working though our section vice-chairs to hold an offic first quarter of 2006.   I will also be working with the ExCom to set goal membership financial health for the section and chapters and encouragir

for details.

5. Presentations of Interest

Correction/Update to: **How to become a Licensed Engineer if you don't work for a PE?**

Editor's Note: After I published this, I found out that the information I provided was out-dated. Subsequent to being told I had outdated information, I asked the author to update his information and here is the updated column. I apologize to anyone who was affected by this. dr

The Bexar & Travis Chapters of the Texas Society of Professional Engineers (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 and Travis TSPE Chapters want to offer a solution to this problem. Our plan is a three-fold program:

1. Candidates join NSPE/TSPE and attend a Bexar or Travis TSPE Chapter meeting. When you join, please notify John Brogan with the Bexar Chapter or Ted Schoenberg with the Travis Chapter of your specialty and needs and he will help

membership, financial health for the section and chapters and encouragi

Thank you for you commitment to our profession and the community we

Clif

Clif Denny

c.denny@ieee.org
Senior Member IEEE
Central Texas Section Chair

Chapter News

The *Engineering Management Society* wants to start a San Antonio affil please contact Nils Smith.

The *Power Engineering Society* wants to start a San Antonio affiliate gr contact Rheuben Hair.

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.

Continuing Education

Software Project Management Certificate Program (online or onsit

PE Exam Review
Test Masters Educational Services, Inc. Review Course and Worksl
Engineering PE Exam in San Antonio, TX
REVIEW COURSE:
This 36-hour review course covers selected topics from the following: C Systems, Control Systems, Electrical Circuits, National Electrical Code, Analog Electronics.
WORKSHOPS:
There are 12 workshops each of 3 hours on the following subjects: Elect Electronics, Power Systems, Communication Systems, NEC, and Contro on the following two depth exams: Power, and Electronics/Controls/Cor The workshops supplement the review courses for the PE examination. problem-solving, numerous test problems will be solved to give students examinations. When the workshops are taken with the review course, th workshops focus on the depth (PM) examinations, but certainly help inc part of the examinations. To get the Guarantee of Passing, at least ten of

with introducing you to the appropriate people in your field.

2. Candidates get involved in Bexar/Travis 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 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 desired result will be that potential applicants for an engineering license will have an opportunity to be mentored and obtain PE references.

-For licensing information go to: http://www.tbpe.state.tx.us
-For information about joining the Travis TSPE Chapter and its meeting times and places go to: www.tspe-travis.org
-For Information about the Travis Chapter TSPE PE reference program contact: Ted Schoenberg P.E. ed.schoenberg@austinenergy.com or phone 512-505-7787
-For information about joining the Bexar Chapter TSPE and its meeting times and places go to www.bexartspe.org
-For information about the Bexar Chapter TSPE PE reference program contact:
John A. Brogan P.E.
jabrogan@cpsenergy.com or

attended.

GUARANTEE OF PASSING:
If you attend every class of the review course and workshops and don't pass, you can absolutely free. For the Principles and Practice examinations, the actual examination m of the course. The free repeat is limited to only one time, and it must be used in the nex examination have come in. Subsequent repeats within 18 months will be at 50% of the

COURSE MATERIAL AND REFERENCE BOOKS:
The fee for the PE review course and workshops include detailed course solution manual.

LOCATION: CPS Energy Training Center
4514 Frank Bryant Lane
San Antonio, TX
DATES: Fri, Sat & Sun 10am-5pm
February 17, 18, 19, 24, 25, 26 &
March 3, 4, 5, 10, 11, 12
REGISTRATION: (713) 529-9752
www.testmasters.com
FEES: $1790

Student Branches

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

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 five professional societies in San Antonio: IEI Aeronautics and Astronautics (AIAA), American Society of Mechanic Society for Metals (ASM), and Society of Automotive Engineers (SAE)

Presentation Title: The Threats from Iraqi Munitions: A First-Hand Ac
Speaker: Dr J Keith Clutter
Date and Time: Tuesday, February 28,
6:00 – Networking,   7:00 – Dinner,   8:00 – Presentation.
Cost: $15 IEEE members and guests, $5 students (5 menu choices)

phone 210-353-3375

-For confirmation of acceptance of this program by the Texas Board of Professional Engineers contact: David Howell, P.E., Director of Licensing for TBPE at: david.howell@tbpe.state.tx.us 512-440-7723

Keeping current

by John Purvis

As engineers today we all find ourselves facing increasingly long hours to fulfill the everyday activities of our jobs. At the same time, we are pressed by the threat of technical obsolescence to keep up with the rapidly expanding technology. Fortunately, we do have the meetings held by our various Technical Society Chapters. Unfortunately, these meetings cover only a few topics, and are not always scheduled at a time or place that we can all work into our busy schedules. So how do we find the time to keep up? One method of satisfying this need is the podcast.

So, what is a podcast? The name podcast grew out of the craze for portable mp3 players led by Apple Computer and their iPod. The iPod, and similar devices, allows mp3 and other sound files to be downloaded and played off-line for music. With the portable player, audio files can be listened to while you exercise, drive, or sit working at your desk.

The podcast developed when non-music audio files began to be produced and distributed. These begun primarily on technical topics, but have expanded into a wide range of subject matter. These are, for the most part, in a radio talk show format, and several

Reservations: RSVP to Dawn Roberson (robersondj@ieee.org)
Meeting Location: hotel in downtown San Antonio - details not available

Abstract: On the battlefield in Iraq, munitions threaten US troops i conventional mortar and RPG attacks. A primary threat is the ordnan (IED) used on roadsides to attack convoys. Also common is the vehicl near buildings. The speaker's first-hand experiences with locating a presented. How engineering systems such as robots are used will be dis opinion on the technical obstacles associated with roadside IEDs an systems.

In addition to the IED threat, the sheer volume of ordnance in Iraq prese of effort to secure the countless caches of ordnance is huge. The spea these operations and some of the unique issues. For instance, given the s ordnance, the storage and disposal of the items presents great hazards. munitions storage area explosion since Vietnam will be shown. As the rocket attack, countless capture munitions functioned due to cook-off. I net explosive weight were involved.

Speaker's Biography: Dr. J. Keith Clutter is currently an Assistant P. the University of Texas at San Antonio (UTSA). He also serves as th formed Center for Response and Security Engineering and Technology and organizations to analyze potential explosion scenarios and conduct serves at the rank of Major in the US Air Force Reserves and is the Co Squadron at Lackland AFB, TX. He is a veteran of *Operation IRAQI F* the Commander of the 506th EOD Flight, Kirkuk Airbase, Iraq. During over 250,000 lbs net explosive weight of captured enemy weapons, d IEDs, and countess UXOs after enemy attacks.

Joint Meeting between Engineering Management and Women in Eng

Topic or Presentation Title: *Scanning the Marketplace - How to Manag*
Speaker: Michael Shultz, CEO, Infoglide
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This month, we're in the middle of our three-part series on New Product Cash. This series, offered in conjunction with PDMA and PMI, will pro process for delivering new products. One of the most important tasks fa the efforts to deliver new products or services. To help our Central Texa series, offered in collaboration with other organizations, on *the process o*

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

a radio talk-show format, and several of these presentations may be of interest to the engineer in their effort to keep current.

Different software is available, most at little or no cost, to facilitate downloading these podcasts. Those that I find most useful are This Week in Tech (TWiT), Security Now, Inside the Net, Science Friday, and our own IEEE Spectrum.

A longer article with links and more details can be found on the CTS Web site.

IEEE Activities and Links
Your IEEE
Calls for Papers
IEEE Xplore
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.

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

March 28, 2006 *Delivering.* Now that you've selected your product, wha *delivering that product* to the market? This is where you finally turn you

Questions: email Leslie Martinich lmartinich@ieee.org

Joint Meeting between the Computer Systems - San Antonio, the Engi and the IEEE Women in Engineering - San Antonio affiliate group

Topic or Presentation Title: In Silico Modeling of Biological Processes t Biology, Chemistry, and Medicine.
Speaker: Pamela K. Fink, Ph.D, Department of Computer Science, St. M
Date and Time: Thursday, February 16 , 2006
6:30 p.m. - Networking; 7:00 p.m. - Dinner; 8:00 p.m. - Progra
Cost: $10 members/ $2 students/$13 non-members
Reservations: Required by Monday, February 13 to Yu Zhang, yzhang
Meeting Location: Skyline Room, Coates Center, Trinity University, Sa
Directions: Please note that we have parking instructions on the Web si reserved for Alamo Stadium Event parking. Please check out the instruc cts.org/meeting_details.htm for the parking by Laurie Auditorium.

Abstract: The development of a new drug today is not as easy as it wa for treatment are much more complex and multivariate than the ones that For example, we have antibiotics available to treat a wide range of bacte prevent many deadly virus infections. The primary focus of drug develop often associated with aging. These diseases have no specific cause, and c of ways. In order to be successful in such efforts, the biology of the proc down to the chemical and even genetic level. This, in turn, requires nove acquisition, documentation, and communication process. Medical resear on, with much time given over to lab work where experiments are run to has been used in this process primarily for data collection and analysis. discuss a number of biological models that have been developed over the development. Once developed, these platforms can be used to run count inexpensively to explore the implications of modifying the biological sys capable of generating massive amounts of data for analysis and can be u experiments.

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

Topic or Presentation Title: Presentation of selected topics from the 200(
Speaker:
Date and Time: Tuesday, Februrary 21st, 6:30PM
Cost:

Reservations:
Meeting Location: Pok-e-Jos on 5th Street in Austin.
Directions:
The March meeting will be March 14, with an invited panel that will dis
Integrated Circuit Design.
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: Beyond the System Shall--A Journey from
Speakers: Jerry Aubin & Joe Shideler
Date and Time: February 15
Cost: Free
Reservations: None required
Meeting Location/Directions: **National Instruments, 11500 North MoPa
TX 78759**

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

Computer Society - San Antonio *[for more information]*

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development. Once developed, these platforms can be used to run count
inexpensively to explore the implications of modifying the biological sys
capable of generating massive amounts of data for analysis and can be u
experiments.

Speakers Bio: Dr. Fink is a pioneer in the intelligent systems developm
started a group in applied R&D in artificial intelligence (AI) at Southwes
19080~Rs. During her 10 years at the Institute Dr. Fink lead programs ra
knowledge acquisition and representation to highly applied software dev
Department of Defense and other large customers. Dr. Fink left the Insti
up biotechnology company, Medical Science Systems (later renamed Int
computer models to support a variety of areas of medicine, including bas
clinical applications. She then co-founded another biotechnology compa
modeling to support drug development. Dr. Fink is currently an Assistan
St. Mary's University in San Antonio, Texas.

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: Insurance 101 for Consultants
Speaker: **George A. Gutierrez,** MBA 1982, USAFA 1976, Insurance
Date and Time: Thursday February 9, 2006
            networking at 6:00 pm, business and program from 7:00 pm to 8
Cost:
Reservations:
Meeting Location: China Star Restaurant, 6134 Hwy 290 E, Austin TX
            (North side of 290E, east of IH 35)
Directions:

Topics to be covered: Basics of commercial insurance for small busines
omissions and errors, retirement planning and what's new for small busin
Speaker: After 7 years as a C-130 Navigator, George worked in Market
with Texas Instruments, Sprint and MCI WorldCom. Today George has
business helping individuals and small businesses.

The consultants' web directory has been updated. The directory is to be i
http://www.alesu.com/xltrp/ieeecons/listzero.htm

Electromagnetic Compatibility Society [for more information]

Topic or Presentation Title: Reduction of System Clock EMI
Speaker: Jim Satterwhite, President Teltest Electronics Laboratories, Au
Date and Time: Wednesday, February 22, 2006, Social 6:30 PM, Meetin
Cost:

Reservations:
Meeting Location: Dell Computer PS-4/Victoria Conference Room, Aus
Directions:
The system clock has long been a known major contributor to system EN
has developed a unique system to significantly lower the contribution of
The two-part presentation will give an overview of that technology along
the product implementations and a spectrum analyzer.

Bio: Jim Satterwhite is the president and founder of Teltest Electronics L
company. Jim is a NARTE certified EMC engineer as well as a senior I
Professional Engineer. He earned his BEE with High Honors from the I
Purdue University and is a graduate of the Bell Labs Graduate Study Pro
background in electronics R&D forming TELI over twenty years ago to
Prior to forming TELI Jim was employed by Bell Labs, Motorola and 3I

For more information, see the EMC website (above). **IEEE EMC Sym**

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

Electron Devices Society [for more information]

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 arriving
in the second parking lot on the right and enter near the flag pole, north s
6pm, everyone needs to enter through the east lobby. Park in the first pa
through the door with the ATDF sign over it. **Refreshments: 6pm - 6:**

Engineering in Medicine and Biology {for more information]

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and the IEEE Women in Engineering - San Antonio affiliate group*

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We have an exciting Spring planned.
March 8- Dr Kay Robbins on her research.

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

Engineering Management   [for more information]

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process for delivering new products. One of the most important tasks fac
the efforts to deliver new products or services. To help our Central Texa
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For the purpose of illustration, we will focus on the _hardware industry_, a
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February 28, 2006 _Charting your course: selecting the right products_ fo
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you can build a successful business. We will consider a fascinating case
chose the right direction for their team.

March 28, 2006 _Delivering._ Now that you've selected your product, wha
delivering that product to the market? This is where you finally turn you

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

For information regarding chapter activities (and those wanting to volun
(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 t

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: Lighting
Speaker:
Date and Time: Tuesday, February 28
    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 Rheuben Hair at (512) 477-6937 ext 303 or go t
http://www.ewh.ieee.org/soc/pes/centraltexas/index.htm.
Meeting Location: El Gallo Mexican Restaurant at 2910 S Congress
Directions:

Exciting 2006 Schedule:
March 28: *Tour of the Austin District Chilled Water Plant* - Austin Ener
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 Operation*
November: *Alcoa Plant Tour*
For further information, please contact Susan Thompton or Roy Matthew

Product Safety Engineering Society [for more information]

Topic or Presentation Title: EMC for Product Safety Professionals
Speaker: Rich Worley, EMC Engineer, Dell Inc
Date and Time: Tuesday, February 2, 6:30pm
Cost:
Reservations:
Meeting Location: Dell, Parmer Campus, Parmer South Building 4, Vict
Directions: Call Dale Ritzen (512) 651-5338 for details and directions.

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

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

Joint Signal Processing/Communications Society [for more informatio

Topic or Presentation Title:
Speaker:
Date and Time:
Cost:
Reservations:
Meeting Location:
Directions:

Women in Engineering [for more information]

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series, offered in collaboration with other organizations, on *the process c*

For the purpose of illustration, we will focus on the *hardware industry*, a

domains as well.

Women in Engineering has been an Affinity Group of the Central Texas
Activities have been until now, Austin-based, with programs, events and
Austin area. We are delighted to announce that WIE is now expanding
Mercy Luhanga, Yu Zhang and Dawnlee Roberson are leading the effor
Antonio and have an exciting Spring planned! We look forward to estal
San Antonio and evolving to two active groups. The San Antonio group
February 16 with the Computer Society-SA and Engineering in Medicin
University's Skyline Room, and more fun meetings planned for the Sprir

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

Editor's Notes

The goal of this newsletter is to provide the more than 5000 members of
meaningful information. We welcome contributions and suggestions that
contact the editor, Dawn Roberson at robersondj@ieee.org if you have a
deadline for submission is the 25th of the month.

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3. IEEE Info

THE INSTITUTE : can be found at http://www.ieee.org/theinstitute

IEEE Member Benefit:

IEEE Members access the world of technology. Search more than 1,100
Subscribe to IEEE Society publications at low, member-only rates. Purc
or save even more when you subscribe to the IEEE Member Digital Lib

Get the most from your IEEE membership -- find out how today:
http://boldfish.ieee.org/u/market8+/04196044

IEEE-USA NEWS & VIEWS : IEEE Career-Building Resources: *BC
career-building resources, including articles and product and service noti
NAVIGATOR at: http://ieeeusa.org/careers/. IEEE XELL [a.k.a. Exper
SUPPORT

Partnership Agreement Signed with THOM
A Courseware Development and Distribution Agreement has been signe
produce and distribute a collection of courses entitled Expert Now IEEE
enabled Thomson and IEEE to undertake an official product launch on I

Agreement is for one year beginning on the effective date of September
began in July, 2005. During this period, the Director of Continuing Educ
Activities (EA) worked with Thomson to highlight the features and bene
process for Expert Now IEEE with Thomson regional sales teams. At th
of 155 Thomson sales Account Managers and Learning Consultants has
seen as a potential solution for many of Thomson's existing clients. Asig
team has started to educate their clients about Expert Now IEEE.

Early sales negotiations have started with two corporate clients and one
been developed by Thomson and agreed to by IEEE for institutional sale
modules are complete and it is estimated that the collection will contain 5
development of an additional 24 modules is already being funded by 14
this number will grow as we move into 2006 and sales of the product lin
developed cooperatively between IEEE and Thomson. It is scheduled fo
Board meeting. Early in the first quarter of 2006, a meeting is being plan
Activities (EA) Liaisons to develop a system that ensures the very best S
selected and the quality review process is reviewed and expanded.

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

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

Database Offers Examples of Pre-Universi

A new section of the IEEE Web site has been developed to help IEEE n
various activities being conducted in IEEE sections related to pre-univer
technology education. Created by IEEE Educational Activities with sup
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 su
best practices for display on the site
There are currently about 70 examples of IEEE pre-university activities i
the IEEE Pre-university Network, visit http://www.ieee.org/eab/preudat
Doug Gorham, IEEE Educational Activities; telephone +1 732 562 548
Ickowicz, IEEE Educational Activities; telephone +1 732 562 5496; "a.

Call for EAB Award Nominations

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

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

IEEE Foundation Announces 2006 Applica

The IEEE Foundation, the philanthropic arm of the IEEE, will accept ur
innovative projects that seek to improve the worldwide technological lite
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 pat
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 sub
the web at www.ieeefoundation.org.

IEEE membership portal

We hope all Section members are taking advantage of the new IEEE Me
Center is supplying interesting content which will be featured on the mai
http://www.ieee.org/myieee.

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