

IEEE Central Texas Section

ANALOG NEWSLETTER

Volume 50-11

November 2006

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 Reliability of
Compound
Semiconductors
Workshop** will be
held 12 Nov at the
Marriott Riverwalk in
San Antonio.

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Conference website:
<http://www.jedec.org/home/gaas>.

2006 IEEE Intl Workshop on Microprocessor Test and Verification will be held 3-5 Dec at the Hyatt Town Lake in Austin. Conference website:

<http://mtv.ece.ucsb.edu/MTV/>

IEEE 2007 Workshop on Applications of Computer Vision, Visual Motion, and Evaluation of Tracking Systems

will be held 20-23 Feb in Austin. No website, but the conference organizer is listed as JK Aggarwal at aggarwaljk@mail.utexas.edu.

2007 International Workshop on System Level Interconnect Prediction (SLIP) will be held at the Lakeway Resort and Spa in Austin on 17-18 March 2007.

<http://www.sliponline.org/>

IEEE Intl Conference on Radio Frequency Identification Technologies (RFID) 2007. March 28-29 2007 in Grapevine, TX. Papers are due 17 Nov and Panel submissions are due 15 Dec. Conference

- [IEEE Teams with IBM to Launch TRYENGINEERING.ORG](#)
- [Is Digital Copyright Legislation Going Too Far?](#)
- [Call for IEEE Mentors](#)
- [Member Portal](#)

4. [Local Conferences](#)

- 2006 Reliability of Compound Semiconductors Workshop
- 2006 IEEE Intl Workshop on Microprocessor Test and Verification
- IEEE 2007 Workshop on Applications of Computer Vision, Visual Motion, and Evaluation of Tracking Systems
- 2007 Intl Workshop on System Level Interconnect Prediction (SLIP)
- IEEE Intl Conference on RFID 2007
- 2007 IEEE International Conference on System of Systems Engineering (SoSE)
- 2007 IEEE International Conference on IC Design & Technology (ICICDT)
- 2007 IEEE International Engineering Management Conference - EM 2007 (IEMC)
- IEEE Intl Conference on Image Processing 2007

5. [Presentations of Interest](#)

1. Section Activities

Chairman's Column

As 2006 is coming to a close and many of the chapters will take a break for the holidays. Be sure to make the November meetings that you can to see your colleagues and wish them well.

Central Texas Section will host IEEE USA. Russ LeFevre, Legislative Representative for Grassroots Affairs, on 16 Nov in Austin. I would like to encourage all Section members to attend.

There is a great number of IEEE conferences held in the Central Texas Section area during the year. Of course, we would like to encourage this since it brings commerce to our area, makes travel to conferences easier for our members. If you are interested in working with me to create a welcome packet for conferences to Central Texas Section, please contact me.

Conferences coming in the next months are:

The IEEE Compound Semiconductor IC Symp. (CSICS) will be in San Antonio 12-15 Nov and The 2006 IEEE Intl Workshop on

website: www.ieee-rfid.org/2007

2007 IEEE International Conference on System of Systems Engineering (SoSE)

will be held April 16-18, 2007 in the Holiday Inn Riverwalk in San Antonio, TX .

<http://engineering.utsa.edu/2007ieeesose>

2007 IEEE International Conference on IC Design & Technology (ICICDT)

will be held 30 May - 1 Jun in Austin.

<http://www.icicdt.org/>

2007 IEEE International Engineering Management Conference - EM 2007 (IEMC)

will be held 29 Jul - 1 Aug at the Hyatt Lost Pines Resort and Spa in Lost Pines.

<http://www.iemc07.org>

IEEE Intl Conference on Image Processing 2007

will be held Sept 16-19 in San Antonio. The Call for Papers can be found on the [conference website](#).

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5.

Microprocessor Test and Verification will be held 3-5 Dec in Austin.

Be sure to consult the Central Texas Section Website, http://www.ewh.ieee.org/r5/central_texas/ for meetings, conference dates and news.

Thanks to all who volunteer their time and skill to the Central Texas Section of IEEE.

Clif Denny
Chairman
Central Texas Section

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

-- ***Chapter News***

The *Engineering Management Society* wants to start a San Antonio affiliate group. If you are interested, please contact [Nils Smith](#).

The field of interest of the Education Society (<http://www.ewh.ieee.org/soc/es/>) includes educational methods, educational technology, instructional materials, history of science and technology, and educational and professional development programs within Electrical Engineering, Computer Engineering, and allied disciplines. Oliver K. Ban (bano@us.ibm.com) has begun an effort to organize a local Chapter of the Education Society here in the Central Texas Section. If you are interested in assisting in organize this new Chapter, please contact Oliver at the email address above. Mr Ban is interested in collaborating with other, more established societies in CTS to get the Education Society going - again, if you have questions, please contact him!

Senior Members Update

Please congratulate the following new Senior Members! Joe Redfield and CTS will be hosting a Senior Member upgrade event in the San Antonio at Trinity University in early December.

Communications Society: Andrews Jeffrey, Arslan Guner and Kang Chang Yong
Electron Devices Society: Cheek Jon, Diebold Alain, and Kang Chang Yong
Signal Processing Society: Arslan Guner

-- ***Continuing Education***

Presentations of Interest

"One of the most prominent and important women in gaming" (GameZone online), Sheri Graner Ray, talks about the history of gaming and gender inclusive game design.

The Texas Advanced Computing Center (TACC) and the Austin Forum invite you to attend a participatory talk led by Sheri Graner Ray, author of Gender Inclusive Game Design: Expanding the Market and a former senior designer with Sony Online Entertainment.

When: Wednesday, Nov. 1, 2006 from 6:00-8:15 pm

Where: J.J. Pickle Research Campus - The Commons Center, Li'l Tex Auditorium (1.122)

** This event is free and open to the public; complimentary food (sponsored by Mangia) and drink will be provided from 6:00-6:30 pm. Presentation to begin at 6:30 pm. **

IEEE Activities

NEED CEUs? The University of Texas at Austin offers a wide array of continuing engineering education opportunities geared towards Texas engineers. All of the training awards continuing education units (CEUs) which Texas PEs are now required to submit for their annual renewal. We event boast CEU Conferences where you can get all required 1.5 CEUs – including 1 hour of engineering ethics – in just a few days! Visit www.UTclee.org for more information.

Upcoming opportunities include:

[Software Project Management Certificate Program \(online or onsite\)](#) • ongoing

-- *Student Branches*

The UT Austin Student Branch is forming a student Power Engineering Society chapter. A future president has been identified along with about 15 initial students. The official paperwork is in progress.

Their first unofficial event was attending the late September Renewable Energy Roundup in Fredericksburg. They have identified office space and could use some furniture for it. Contact Dr. Mack Grady (grady@mail.utexas.edu) to learn more about how to assist.

St Mary's University - San Antonio ([for more information](#))

Faculty Advisor: Djaffer Ibaroudene, Email:

dibaroudene@stmarytx.edu

Branch President: Joshua Cavazos , email: jcavazos1@stmarytx.edu

Trinity University - San Antonio

Faculty Advisor: Farzan Aminian, Email: farzan@engr.trinity.edu

Branch President: Will Johnson, email: William.johnson@trinity.edu

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

Faculty Advisor: Sriram Vishwanath, email: sriram@ece.utexas.edu

Branch chair: Rossen Tzartzev, email: chair@ieee.utexas.edu

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

Faculty Advisor: Yufang Jin, Email: Yufang.Jin@utsa.edu

Branch chair: Nickolas Grady, gradyn@hotmail.com

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-- *Calls for Volunteers*

Editors note: I oftentimes get asked for engineers to get involved with their community, so I've created a consistent place for you to read about these opportunities. If you need volunteers, please send me the details, or if you want to get involved, please do so, and let us know about your success stories. Engineers don't have a glamorous reputation as being cool and having fun, but that's NOT the truth! - or at least sometimes... *smile*

[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.



TISP

As an engineer, are you interested in working with your local pre-university schools, school districts or teachers? Do you want to help improve the level of technological literacy of teachers and their students in your community? Then you should attend IEEE's upcoming Teacher In-Service Program (TISP) Training Workshop in the Dallas area! We are currently formulating plans to train engineers to present to teachers in the late July or early August timeframe, so keep an eye and an ear out for it!

Started in 2001, TISP features IEEE volunteers developing and presenting technologically oriented subject matter to educators in a professional development (or "in-service") setting. In the last four years, IEEE volunteers have made more than 35 presentations to over 675 pre-university educators within the United States and South Africa – these educators reach more than 70,000 students.

Now you can be a TISP champion! The IEEE Educational Activities Department will be hosting a TISP Training Workshop for Region 5 volunteers in the Dallas area at a date and place to be announced soon.

The workshop will cover how to organize volunteers for TISP and how to bring the program to your local school districts. We are pleased and excited that Dallas has been selected to host the training event, and hope that you as a Section Leader will encourage your local members to participate!

Stay tuned as plans are firmed up, and do get the word out! - Contact [Clif Denny](#) if interested.

ABET

IEEE SEEKS PROGRAM EVALUATORS FOR ACCREDITING ENGINEERING & ENGINEERING TECHNOLOGY PROGRAMS AT US UNIVERSITIES: The IEEE, the largest member of ABET, Inc. (formerly known as the Accreditation Board for Engineering and Technology), is responsible for the peer-review evaluation of more than 700 university programs in the IEEE fields of interest. IEEE's involvement in the peer-review evaluation is vital to ensuring the continuing quality brought forth after graduation into the engineering and engineering technology professions. To aid IEEE and ABET in this accreditation role, the IEEE Educational Activities Board is seeking engineering professionals from industry, government and academe to serve as program evaluators. **Applications for the 2007 - 2008 academic year** will be accepted through 15 November 2006.

Aside from the professional and public good that evaluators perform

Aside from the professional and public good that evaluators perform, another benefit of being a program evaluator includes the opportunity to keep in touch with changing engineering and technology teaching methods. Program evaluators are also able to meet those who will be soon enter the profession, as well as learn how to conduct an objective evaluation of the educational process using established criteria which can be helpful for those interested in training related to continuous improvement procedures. Selected applicants will attend a training seminar on the IEEE/ABET accreditation process. After training, program evaluators are dispatched in teams to visit engineering and engineering technology departments at universities across the country on behalf of the IEEE and ABET. Evaluation sessions are held during the fall and usually run two to three days.

Information packages, including the application and nomination forms, are available at:

<http://www.ieee.org/web/education/apc/ceaa/eacinfo.html> for engineering programs and

<http://www.ieee.org/web/education/apc/ctaa/tacinfo.html> for engineering technology programs.

For more information, contact "MailTo:eab-accred@ieee.org".

Online mentors

The IEEE Mentoring Connection Program is looking for “online” mentors to help guide younger professionals in career planning and professional development. Currently, 489 mentees and 264 mentors have registered. Mentor participation is open to all higher grade IEEE members.

The program enables mentees to select their mentoring partner online from a list of individuals who have volunteered to serve as mentors. After mentors are identified as a potential match, they are contacted and asked to begin establishing a relationship.

Interested members can visit <http://www.ieee.org/mentoring> for information on the roles and responsibilities of each mentoring partner, including additional program information and an FAQ page. Potential mentors are asked to review the time and effort commitment to the program necessary to ensure a successful mentoring partnership.

For more information, contact Cathy Downer, Regional Activities, at c.downer@ieee.org.

IEEE POTENTIALS Magazine Call For Papers

Potentials Magazine, the IEEE periodical dedicated to serving the needs of students and entry-level engineers, is looking for authors. All IEEE members

have access to Potentials through IEEEExplore.

Manuscripts can deal with theory, practical applications or new research. They can be tutorial in nature. Equations should be kept to a minimum. Articles without equations are preferred.

No more than 12 references should be listed at the end of a manuscript. There should not be any embedded reference numbers. If it is necessary to cite authors for key points or quotes, their names can be stated in the text and a full reference given at the end.

Graphs and diagrams must reproduce well at published size. This means a minimum of 300 dpi for jpeg-, tiff- or eps-formatted figures at published size. Figures should be limited to ten or less. Articles should be 2,000 – 4,000 words in length. Four to six lines about the author and co-authors may be included.

For author guidelines, visit <http://www.ieee.org/potentials>. Articles can be submitted at <http://mc.manuscriptcentral.com/pot-ieee>.

2. Chapter Activities

All Section meeting

Topic or Presentation Title: Role of engineers in politics at both the the Federal and State levels

Speakers: Russ Harrison and Erica Wissolik from IEEE USA
Government Affairs

Date and Time: Thursday, Nov. 16 from 6-8 pm

Cost:

Reservations:

Meeting Location: National Instruments, Austin

Topics to be discussed will include analysis from the Nov 7th national election, preview of the 2007 Texas legislative session, outlook for the 2007 Congressional session and prospects for legislation affecting engineers in 2007. Russ will discuss events that other sections have successfully used to build relationships with politicians. Erica, who is a former staffer of the Texas Legislature, will be discussing ways to interact with and influence Texas legislatures. Additional information including abstract, bios and directions to NI can be found at <http://www.austin-wie.org>.

All CTS Chapter members are welcome and encouraged to attend.

Multiple Chapters

Joint Circuits and Systems/Solid-State Circuits

Topic or Presentation Title:

Speaker:

Date and Time:

Cost:

Reservations:

Meeting Location:

For further information, contact Mike Seningen at seningen@ieee.org or Carol Jens at c.jens@ieee.org.

Computer Society - Austin [for more information]

Topic or Presentation Title: Thinking in Sets

Speaker: Joe Celko, database guru, columnist, author

Date and Time: Wednesday, November 8 at 6:30

Cost: FREE, but BRING A FRIEND who NEVER attended a presentation before!

Meeting Location: National Instruments, 11500 N. MoPac, Bldg. C, Room 1S13

See <http://austin-cs.org/> for detailed directions and for last minute information. This presentation is open to the public.

Computer Society - San Antonio [for more information]

Topic or Presentation Title: Practical Digital Multimedia Security Systems - An Overview of Research and Challenges

Speaker: Sos Agaian

Date and Time: Thursday, November 16, 2006

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

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

Reservations: Email [Yu Zhang](mailto:Yu.Zhang@ieee.org) by November 13, (210) 999-7399

Location: Skyline Room, Coates Center, Trinity University, San Antonio, TX.

Directions: Please note that we have parking instructions on the Web site. The Alamo Stadium parking is reserved for Alamo Stadium Event parking. Please check out the instructions at http://www.ieee-cs-cts.org/meeting_details.htm for the parking by Laurie Auditorium.

Abstract: The issue of security is becoming increasingly important as civilization moves closer and closer toward the information age (World Wide Web, transmission/distribution of digital multimedia data and more). In this talk, we present the general concepts of digital

multimedia security systems (data hiding encryption and authentication). Steganography is the hiding of a message within another message so that the presence of the hidden message is indiscernible. Practically, it is the art of secret communication. The key concept behind steganography is that the message to be transmitted is not visible to the informal eye. In fact, people who are not intended to be the recipients of the message should not even suspect that a hidden message exists. Steganography may present both positive and negative things in the aspects of general security such as national, business and personal privacy. After September 11 steganography has received enormous attention in industry and in academia. The Internet has become a new form of cold war era "dead drop". The general purpose of steganalysis is to discover the presence of hidden messages in digital media. Steganalysis is a part of media forensics where analysis specifies which portion of media was modified and replaced, identifying new items that may have been inserted into the media. This area now has become a multimillion-dollar research market, and closely related to the security of our nation. In the present talk we summarize our own research accomplishments during the past three years, and propose a number of significant issues for future research on multimedia security systems.

More information on the program is available at our Web site <http://www.ieee-cs-cts.org>.

.. Consultants Network [for more information]

Topic:

Speaker:

Date and Time: Thursday, , 2006

Networking at 6:00 pm, Business and program from 7:00 pm to 8:30 pm

Cost: Free. Supper is at optional extra cost

Reservations: Not required

Meeting Location: China Star Restaurant, 6134 Hwy 290 E, Austin TX

Directions: Westbound access road of 290E, just east of IH 35

The Consultants web directory is to be found at

<http://www.alesu.com/xltp/ieeecocons/listzero.htm>

.. Electromagnetic Compatibility Society [for more information]

Topic or Presentation Title: Coexistence of Converged Wireless Communication Devices

Speaker: Dr. Michael D. Foegelle

Date and Time: Thursday, November 9, 2006. Social: 6:30 PM, Meeting: 7 PM

Cost:

Reservations:

Meeting Location: ETS-Lindgren, 1301 Arrow Point Drive, Cedar Park, TX 78613

Directions:

Neither IEEE nor EMC membership is required and all visitors are invited to attend.

For additional information, including map to the meeting location, please see our web site at

<http://ewh.ieee.org/soc/emcs/chapters/centraltexas/index.html>

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

Topic or Presentation Title:

Speaker:

Date and Time:

Cost:

Reservations:

Meeting Location:

Directions:

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

Topic or Presentation Title: Welcome to My World of Reconstructive Orthopedics

Speaker: Mark Casillas, MD

Date and Time: Wed, November 15, 2006

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

Program

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

Reservations: RSVP to [Garrett Polhamus](#)

Meeting Location: BSE 2.102 on the UTSA Campus *New location*

Directions: From I-10, take the UTSA Blvd exit, and head west. Turn at the traffic light onto the UTSA campus, and take the 1st right and follow it to the last parking lot. The Biotechnology, Sciences and Engineering Building is the newest building on campus, and is the building on your left. The conference room is on the second floor.

For further information, please contact Dawn Roberson, 210-458-5520, robersondj@ieee.org.

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

Date: Tuesday, November 7, 5:45pm - 8:00pm

Event: "Beyond Lean Six Sigma and the Balanced Scorecard"

Speaker: Forrest Breyfogle, CEO, Smarter Solutions, Inc.

Location: El Gallo Restaurant, 2910 S. Congress

Cost: \$15 includes dinner (at the door)

RSVP: lmartinich@ieee.org

For more info: http://www.ewh.ieee.org/r5/central_texas/ems/

For other information about the Engineering Management Society activities, see the the web site:

http://www.ewh.ieee.org/r5/central_texas/ems/

For information regarding chapter activities (and those wanting to volunteer), contact Leslie Martinich (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:

-- 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

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

Topic or Presentation Title: Alcoa Plant Tour

Speaker:

Date and Time: Saturday, Dec 2

Cost:

Reservations: Please RSVP to [Rheuben Hair](#) at (512) 477-6937 ext 303 or go to our web site at

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

Meeting Location: El Gallo Mexican Restaurant at 2910 S Congress

Directions:

Exciting 2006 Schedule:

December - No meeting - Merry Christmas!

For further information, please contact Susan Thompton or Roy Matthews at 512-442-8085 ext 25

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

Topic or Presentation Title:

Speaker:

Date and Time: Thursday,

6:00pm Social

6:30-7:00 Dinner

7:00-7:30 Business Meeting

7:30-8:30 Program

Cost: \$13 with RSVP (cash only, no checks or credit cards)

\$15 at the door

Free for students

Reservations: Please contact Steven Mouser @ 210-658-7250 or

s.mouser@ieee.org

For more information go to our web site at

<http://ewh.ieee.org/soc/pes/centraltexas/sanantonio>

Meeting Location: Blue Star Brewery, 1414 South Alamo Street, San Antonio, TX 78210-1117, 210-212-5506

Directions: Available on our website.

Exciting 2006 Schedule:

Dec - no meeting - Merry Christmas

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

Topic or Presentation Title: *Hazardous Voltage Primer*

Speaker: Dave Lohbeck, National Instruments.

Date and Time: Tuesday, December 5, 6:30pm

Cost: None

Reservations: None

Meeting Location: Dell, Parmer Campus, Parmer South Building 4, Victoria Conference Room.

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

We encourage you, others in your organization, or other interested parties to participate in our meetings every month. The PSES meets every month on the third Tuesday of every month at 6:30, with the program starting at 7pm, except in November/December. A combined monthly meeting is held in early December to allow members and guests to enjoy the Thanksgiving and Christmas holidays. For further information about the PSES, please contact Dale Ritzen at (512) 651-5338.

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

-- *Joint Signal Processing/Communications Society* [[for more information](#)]

We are joining the CTS meeting on November 16 - see the [details](#).

Topic or Presentation Title:

Speaker:

Date and Time:

Cost:

Reservations:

Meeting Location:

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

We are joining the CTS meeting on November 16 - see the [details](#).

Women in Engineering has been an Affinity Group of the Central Texas Section since the Fall of 2002. Activities have been until now, Austin-based, with programs, events and membership primarily from the Austin area. We are delighted to announce that WIE is now expanding activities to the San Antonio area. Mercy Luhanga, Yu Zhang and Dawnlee Roberson are leading the effort to initiate WIE activities in San Antonio. We look forward to establishing a WIE membership base in San Antonio and evolving to two active groups.

Additional information including abstract, bios of the speakers and directions to National Instruments are on the WIE website at <http://www.austin-wie.org>.

Editor's Notes

The goal of this newsletter is to provide the more than 6500 members of the Section with up-to-date and meaningful information. We welcome contributions and suggestions that will improve the newsletter. Please contact the editor, Dawn Roberson at robersondj@ieee.org if you have any thoughts or suggestions. The deadline for submission is the 25th of the month.

To add your name to the list who get the Analog, send an email from the address to be added to listserv@listserv.ieee.org. Put only the following text in the body of the message: subscribe cts-section.

If you no longer wish to receive the Analog, follow the directions as listed above, but instead of subscribe, put unsubscribe cts-section!

listed above, but instead of subscribe, put unsubscribe cis-section .

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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 1,100,000 documents in IEEE Xplore. Subscribe to IEEE Society publications at low, member-only rates. Purchase papers online for just \$13 each -- or save even more when you subscribe to the IEEE Member Digital Library.

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:
BOOKMARK THIS SITE: For career-building resources, including articles and product and service notices, visit IEEE-USA's CAREER NAVIGATOR at: <http://ieeeeusa.org/careers/>. IEEE XELL [a.k.a. Expert Now IEEE] GAINS SOCIETIES' SUPPORT

Wanted: Fellow Nominations From Industry

If you know an IEEE Senior Member working in industry who has made extraordinary contributions in applying technology in the IEEE's fields of interest, consider nominating that person as a Fellow, the institute's highest membership grade. The deadline to nominate someone for the class of 2008 is 1 March 2007. Read more at <http://bmsmail3.ieee.org:80/u/4260/00757617>

IEEE Launches Internet Television

On 15 August, IEEE is launching the Beta release of IEEE.tv – an internet-based broadcasting network that will produce and deliver prerecorded, special-interest programming for engineers and technologists. A collaborative effort of IEEE volunteers, members and staff across the organization, the new service will initially be available only to members only through the myIEEE web portal, (www.ieee.org/myieee). It will expand to provide select content intended for the general public starting in September.

IEEE.tv will feature original IEEE-produced content within a viewer that may in the future serve as a carrier for non-IEEE productions. Series include IEEE conference highlights, interviews with authors who publish books with IEEE, IEEE president-elect candidate debates, and introductions to new IEEE products. In September, general interest programs including those promoting careers in engineering and demonstrating new technology in everyday applications will be available to anyone who visits www.ieee.org/ieeetv. Individuals with questions can contact tv@ieee.org.

IEEE-USA Offers Resources to Assist Tech-Based Entrepreneurs

The new IEEE-USA Entrepreneurs Village is an online portal designed to provide high-tech entrepreneurs with tools and resources conducive to innovation and company growth. The portal links high-tech entrepreneurs with their peers, and prospective entrepreneurs with mentors. Village members can seek advice and information on such topics as organization, funding, marketing, human resources, asset requirements, growth, best practices, and legal and government issues. A search engine will assist you in finding the right match for your needs. Experienced entrepreneurs are encouraged to become mentors.

To read the related news release, visit:

<http://boldfish.ieee.org:80/u/2682/135523>

Visit the Village at: <http://boldfish.ieee.org:80/u/2683/135523>.

Ready to Learn With Online Tutorials

The problem: you have to get up to speed quickly on, say, the python programming language. The solution: start with the new ReadyNotes online tutorials from the IEEE Computer Society. Seven tutorials are out so far, and the one-stop guides provide practical nuts-and-bolts instruction across a range of topics geared to software developers, IT professionals, computing instructors, and students. Read more at <http://boldfish.ieee.org:80/u/2598/00757617>

Welcome to the World of K-12 Engineering!

Introducing engineering into the K-12 classroom connects science and math concepts to the everyday engineering that surrounds us. TeachEngineering.com helps teachers enhance learning, excite students and stimulate interest in science and math through the use of hands-on engineering. With a fully searchable, digital library of

standards-based lesson plans, and a myriad of "Living Laboratories" that bring real-world engineering principles into the classroom, TeachEngineering's comprehensive curricula are hands-on, inexpensive, and relevant to children's daily lives.

TeachEngineering.com is a joint effort of the University of Colorado, Worcester Polytechnic Institute, Colorado School of Mines, Duke University, Oregon State University, and the American Society for Engineering Education, and is funded in part by the National Science Foundation.

Bring the world of engineering into the K-12 classroom with TeachEngineering.com. You don't need knowledge of engineering to use these curricula!

Search TeachEngineering.com's digital library at www.teachengineering.com.

IEEE Teams with IBM to Launch TRYENGINEERING.ORG

IEEE and IBM have collaborated to launch a new website that combines interactive activities with information on careers in engineering. TryEngineering.org is designed to educate a variety of audiences about the different engineering disciplines and the impact engineers have on society. Targeted toward teachers, school counselors, parents and students, TryEngineering.org lets site visitors explore how to prepare for an engineering career, ask designated experts engineer-related questions and play interactive games. Tools for teachers include lesson plans and engineering projects as well as a list of student competitions and science and engineering-oriented summer camps.

The site will be launched on 5 June with a searchable list of accredited engineering programs in the U.S. and Canada, and will be expanded to include programs in other English-speaking countries as well as Germany and France. For more information contact Doug Gorham, Educational Activities, at d.g.gorham@ieee.org or +1 732 562 5483 or Allison Ickowicz at a.m.ickowicz@ieee.org or +1 732 562 5496.

Is Digital Copyright Legislation Going Too Far?

Tinkerers and electronic consumers beware. Legislation involving new electronic recording devices and digital, audio, or video playback technology severely compromise electronics industry innovation. According to IEEE Spectrum's Tekla Perry, "The Digital Millennium Copyright Act was the first federal law passed that directly attacks the fair use rights of consumers and product developers. But more such laws are in the pipeline." Tune into IEEE Spectrum Online's exclusive

radio report at <http://bmsmail3.ieee.org:80/u/3497/00757617>

Call for IEEE Mentors!

Opening 14 July 2006, IEEE is offering its members the opportunity to participate in an online program which will facilitate the matching of IEEE members for the purpose of establishing a mentoring partnership. By volunteering as a mentor, individuals use their career and life experiences to help other IEEE members in their professional development. As a mentee, you lead your partnership by selecting your mentoring partner from among those who have volunteered to serve in this capacity. We ask that you review the time and effort commitment to the program to ensure a successful mentoring partnership.

Presently, IEEE is offering potential Mentors, like you, the opportunity to enter the program first. IEEE has partnered with The Training Connection, a vendor that has developed a web-based mentoring program to facilitate the matching process. Participation in the program is voluntary and open to all IEEE members above the grade of Student Member.

If you are interested, please go to <http://www.ieee.org/mentoring> for information on the roles and responsibilities of each mentoring partner, the program, as well as additional information on time and effort commitments. To access the online program site visit the IEEE Membership Benefits page listed under Core Benefits “New for 2006” at <http://www.ieee.org/web/membership/benefits/index.html>. This will then take you to the online mentoring program site. We encourage you to take advantage of the IEEE network of technical professionals and sign up for the online mentoring program today.

If you have any questions, please contact Cathy Downer, IEEE Mentoring Program Coordinator, at c.downer@ieee.org

IEEE membership portal

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

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