

IEEE Central Texas Section

# ***ANALOG NEWSLETTER***

**Volume 50-12**

**December 2006**

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

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previous month). Dawn  
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(robersondj@ieee.org).  
Have a question or  
comment? [Contact us.](#)

[Central Texas Section  
Webpage](#)

[Central Texas Section  
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## **4. Local Conferences**

**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/>

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**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](mailto: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 website: [www.ieee-rfid.org/2007](http://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/>

- [Welcome to the World of K-12 Engineering](#)
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#### 4. [Local Conferences](#)

- 2006 IEEE Intl Workshop on Microprocessor Test and Verificat
- IEEE 2007 Workshop on Applications of Computer Vision, Vis 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 & Technolog (ICICDT)
- 2007 IEEE International Engineering Management Conference - EM 2007 (IEMC)
- IEEE Intl Conference on Image Processing 2007

#### 5. [Presentations of Interest](#)

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### 1. Section Activities

#### *Chairman's Column*

In our final edition of *The Analog* for 2006, I would like to thank all of volunteers who have worked since our inception in 1930 to make the Central Texas Section a vibrant and professional organization. As a formal gesture, the Section will organize a recognition reception for all the volunteers. I anticipate that we will hold the reception during E-week in 2007. I hope that it will become an annual event.

As 2006 comes to a close and we reflect on our good fortune and many accomplishments, begin thinking about plans and goals for 2007. Our Section planning meeting will be held in February, during which the Section and each Chapter will present their 2007 plans and budget. This is the place to get your plans formalized and funded.

Be sure to consult the Central Texas Section Website, [http://www.ewh.ieee.org/r5/central\\_texas/](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. Happy Holidays to you and your loved ones.

**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. Presentations of Interest**

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To contribute information to this electronic newsletter, please send it by e-mail to [robersondj@ieee.org](mailto:robersondj@ieee.org).

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Clif Denny  
Chairman  
Central Texas Section

[c.denny@ieee.org](mailto:c.denny@ieee.org)  
Senior Member IEEE  
Central Texas Section Chair

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***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](mailto: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 get the Education Society going - again, if you have questions, please contact him!

***SENIOR MEMBER UPGRADE EVENT***

**December 12, 2006**

**“Supersize” your IEEE Membership - Upgrade to Senior Member Status**

If you have a baccalaureate degree in engineering and seven or more years of professional experience you are eligible to apply for upgrade to Senior Member Grade. Complete upgrade information, including requirements can be found at: [www.ieee.org/membership/upgrade.html](http://www.ieee.org/membership/upgrade.html).

If you meet the requirements but never seem to have the time to complete an application, we invite you to come to an “upgrade” event in early December at Trinity University in San Antonio. (A similar event will be held next spring in the Austin area.) Senior and Fellow members who have been through this process will be at the meeting to provide assistance in reviewing your applications. We will have computers available to help to finalize your application if needed. After the event, the Central Texas Section will assign Senior and Fellow members to serve as the required



references. Refreshments will be provided.

For more information, check the CTS website at:

[http://www.ewh.ieee.org/r5/central\\_texas/](http://www.ewh.ieee.org/r5/central_texas/)

or contact Joe Redfield at [JRedfield@ieee.org](mailto:JRedfield@ieee.org).

### -- *Continuing Education*

**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. event boast CEU Conferences where you can get all required 1.5 CEU including 1 hour of engineering ethics – in just a few days! Visit [www.UTclee.org](http://www.UTclee.org) for more information.

Upcoming opportunities include:

#### **Software Project Management Certificate Program (online or onsi**

- ongoing

### -- *Student Branches*

The student branches have great plans to for their second round of grant provided the Section. Robotics competition highlight the activities along with taking engineering to the high schools.

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

Faculty Advisor: Djaffer Ibaroudene, Email: [dibaroudene@stmarytx.edu](mailto:dibaroudene@stmarytx.edu)

Branch President: Joshua Cavazos , email: [jcavazos1@stmarytx.edu](mailto:jcavazos1@stmarytx.edu)

#### **Trinity University** - San Antonio

Faculty Advisor: Farzan Aminian, Email: [farzan@engr.trinity.edu](mailto:farzan@engr.trinity.edu)

Branch President: Will Johnson, email: [William.johnson@trinity.edu](mailto:William.johnson@trinity.edu)

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

Faculty Advisor: Sriram Vishwanath, email: [sriram@ece.utexas.edu](mailto:sriram@ece.utexas.edu)

Branch chair: Rossen Tzartzev, email: [chair@ieee.utexas.edu](mailto:chair@ieee.utexas.edu)

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

Faculty Advisor: Yufang Jin, Email: [Yufang.Jin@utsa.edu](mailto:Yufang.Jin@utsa.edu)

Branch chair: Nickolas Grady, [gradyn@hotmail.com](mailto:gradyn@hotmail.com)

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### -- *Calls for Volunteers*

### *Paper Judges*

A big part of the Region 5 Annual meeting is the student competitions. If you would like to participate, but can't make it to Arkansas, consider becoming a judge of the undergraduate student paper competition. You can do it from your own computer, and you will be provided judging guidelines. Contact [Sandra Robinson](#) for more details!

### ***Online mentors***

The IEEE Mentoring Connection Program is looking for “online” men 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](mailto:c.downer@ieee.org).

### ***IEEE POTENTIALS Magazine Call For Papers***

Potentials Magazine, the IEEE periodical dedicated to serving the need 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-author may be included.

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

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## 2. Chapter Activities

### *Multiple Chapters*

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#### *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](mailto:seningen@ieee.org) or Carol Jens at [c.jens@ieee.org](mailto:c.jens@ieee.org).

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#### *Computer Society - Austin [for more information]*

**Topic or Presentation Title:**

**Speaker:**

**Date and Time:** Wednesday,

**Cost:**

**Meeting Location:**

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

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

**Topic or Presentation Title:**

**Speaker:**

**Date and Time:** Thursday,

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) 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 Events. Please check out the instructions at <http://www.ieee.org>.

parking. Please check out the instructions at [http://www.ieee-cs-cts.org/meeting\\_details.htm](http://www.ieee-cs-cts.org/meeting_details.htm) for the parking by Laurie Auditorium.

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

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*-- 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

**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/ieecons/listzero.htm>

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*-- Electromagnetic Compatibility Society [for more information]*

**Topic or Presentation Title:** "Gaining the design knowledge you need for Regulatory testing success"

**Speaker:** Mike Royer, Compliance Consulting [Professional Testing \(EMI\), Inc](#)

**Date and Time:** Thursday, Dec 14, 2006. Social: 6:30 PM, Meeting: 7 PM

**Cost:**

**Reservations:**

**Meeting Location:** Tipping Point Technologies, 7501 N Capital Of Texas Hwy, Bldg B - Executive Conf. Rm. ([directions](#))

Description : This lecture will provide fundamentals of EMC, EMC de techniques and standard updates for EMC testing.

Michael Royer is a Compliance Consultant with Professional Testing since 2003. Michael has been in compliance for 18 years, working for Telecommunications companies such as Cisco Systems, Network Equipment Technologies, and Cardinal Technologies. Mike is a NAR Certified EMC engineer and holds a BSEE from the University of Vermont

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>

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

**Topic or Presentation Title:** "[The impact of Single Event Effects on Advanced Digital Technologies](#)"

**Speaker:** Dr Robert Baumann

**Date and Time:** Thursday, Dec 7 at 5pm

**Meeting Location:** ACES 2.402, UT-Austin campus (24th and Speedw

**Directions:** check their website for lots more details!

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

**Topic or Presentation Title:** No Dec meeting - Happy Holidays!

**Speaker:**

**Date and Time:** Wed,

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

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

**Reservations:** RSVP to [Garrett Polhamus](#)

**Meeting Location:**

**Directions:**

For further information, please contact Dawn Roberson, 210-458-5520  
[robersondj@ieee.org](mailto:robersondj@ieee.org).

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

**Date:**

**Event:**

**Speaker:**

**Location:** El Gallo Restaurant, 2910 S. Congress

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

**RSVP:** [lmartinich@ieee.org](mailto:lmartinich@ieee.org)

**For more info:** [http://www.ewh.ieee.org/r5/central\\_texas/ems/](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/](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](mailto:leslie@competitivefocus.com)) (512-423-5121).

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*Graduates of the Last Decade (GOLD)*



**Topic or Presentation Title:**  
**Speaker:**  
**Date and Time:**  
**Cost:**  
**Reservations:** Kristi Hummel, [khummel@ieee.org](mailto:khummel@ieee.org)  
**Meeting Location:**  
**Directions:**

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-- *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](mailto:raychen@uts.cc.utexas.edu).

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-- *Power Engineering Society*

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

**Topic or Presentation Title:** Alcoa Plant Tour  
**Speaker:**  
**Date and Time:** Saturday, Dec 2 at 9am. Should take ~2 hours.  
**Cost:**  
**Reservations:** Please RSVP to [Rheuben Hair](#) at (512) 477-6937 ext 30 or go to our web site at <http://www.ewh.ieee.org/soc/pes/centraltexas/index.htm>.  
**Meeting Location:** Alcoa Three Oaks Mine, By FM 619 and FM 696 north east of Elgin  
**Directions:**

**2006 Schedule of events:**

**Jan 23:** Topic TBD

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

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

**Topic or Presentation Title:** tour of CPS Energy's JK Spruce Power Pl  
**Speaker:**  
**Date and Time:** Saturday, Dec 9, 1:30pm  
**Cost:**  
**Reservations:** Please RSVP to Steve Mouser at 210-658-7250 or [s.mouser@ieee.org](mailto:s.mouser@ieee.org) by Wednesday, December 6th 3PM.

Off-site gathering place: We will meet here then drive to the plant. (Location TBD) *Do not drive to the plant directly for security reasons.*

Please provide a cell phone number so we can contact you if the tour is cancelled due to unforeseen circumstances. Also provide your full name, address and driver license (or government-issued ID) number.

As always you do not have to be an IEEE member to attend.

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

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-- *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](mailto:daniece_carpenter@dell.com)).

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

**Topic or Presentation Title:** No Dec meeting - Happy Holidays!

**Speaker:**

**Date and Time:**

**Cost:**

**Reservations:**

**Meeting Location:**

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

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>.

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***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](mailto:robersondj@ieee.org) if you have any thoughts or suggestions. The deadline for submission is the 25th of 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](mailto: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'.

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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://ieeusa.org/careers/>. IEEE XELL [a.k.a. Experience Now IEEE] GAINS SOCIETIES' SUPPORT

## **Engineers Without Borders --USA Student Recognitions**

In 2007, for the second time, IEEE-USA is sponsoring five \$1,000 recognition awards for college students who distinguish themselves in volunteer reconstruction efforts for Engineers Without Borders (EWB)-USA, the non-profit humanitarian organization. The achievement award will be presented at the EWB-USA international conference, 12-14 April 2007, at the University of Massachusetts, Amherst.

For details, go to <http://www.ewb-usa.com/index.php>.

## **The Institute seeks Section, Region and Society News**

The IEEE Institute member newspaper is seeking more Section, Region and Society news items in an effort to broaden its coverage and help the entities publicize their activities.

Appropriate subjects include:

- \* Recognitions that members receive such as promotions, appointments awards, or honors from their community or government.
- \* Recognition that members receive from an IEEE entity, such as an award
- \* Interesting jobs or hobbies for member profile pieces.
- \* News about IEEE student members, student branches, student activities and competitions.
- \* New products, services, or activities that the Society, Section, Region Student Branch is offering.
- \* Successful social or technical events or meetings.
- \* Obituaries on members.

Send the basic "who, what, when, where, and how," and the Institute editors will be in contact if more information is needed.

The editors are also looking for suggestions for topics to write about, whether it's IEEE related or something about the engineering field. Email your news to: [theinstitute@ieee.org](mailto:theinstitute@ieee.org).

## **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](http://www.ieee.org/myieee)). It will expand to provide select content intended for the general public starting 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](http://www.ieee.org/ieeetv). Individuals with questions can contact [tv@ieee.org](mailto: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 organizational funding, marketing, human resources, asset requirements, growth, best practices, and legal and government issues. A search engine will assist 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 instructions 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](http://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 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 engineering-related questions, and

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](mailto:d.g.gorham@ieee.org) or +1 732 562 5483 or Allison Ickowicz at [a.m.ickowicz@ieee.org](mailto: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 <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 experience 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 encourage 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" <http://www.ieee.org/web/membership/benefits/index.html>. This will take you to the

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 Mentor Program Coordinator, at [c.downer@ieee.org](mailto: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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