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Upcoming Events

IEEE Exclusive Tour of Some of the Most Advanced Labs in the Northwest

LIGO, HANFORD Museum & Pacific Northwest National Labs!

Richland (Tri-Cities), Washington June 9-10, 2007

Because of space limitations, it is first come, first enrolled. Due to lead time for PNNL security clearance, the last day to sign up is Friday April 20, 2007!

All Tour details and requirements are on the web at:

<http://www.ieee-or.org/events/ligo/>

If, after reading all the details, you wish to join us, registration and payment is available at our secure web site: https://www.ieee-or.org/apps/event_registration/register_contact.php?venue_id=12

If you have any questions you can call or email Chris Jacobs: drjacobs@drchrisjacobs.com 503-534-3107

PACE (PROFESSIONAL ACTIVITIES) MEETING

Topic: 9 Steps to Product Leadership for the Technology Professional

Speaker: Bruce Virell, Marketing Consultant

Date: Tuesday, April 24, 2007

Time: 6:30 PM - 8:00 PM

Doors open 6:00PM

Location: OGI School of Science and Engineering at OHSU's West Campus, Wilson Clark Center

Cost: FREE and open to the public (registration required).

Registration:

<http://cpd.ogi.edu/courseSpecific.asp?pam=2216>

Today, engineers, technical support experts, and others now find themselves with a myriad of Product Management responsibilities. This presentation will introduce you to steps that will help you develop a superior strategic product marketing plan for your next project.

Upcoming Workshops

Product Safety

Co-sponsor AeA International Environmental Compliance: Update on WEEE, RoHS, REACH, & EuP IEEE members get AeA discount rate.

See www.ieee-or.org/events for link
 Date: Wednesday, April 25, 2007
 Time: 8:00 a.m. - 4:30 p.m.,
 Registration begins at 8:00 am. Program begins at 8:30
 Fees: \$150 members of AeA, AOI, PBA, IEEE, and US Department of Commerce, The registration fee includes continental breakfast, lunch, and conference materials
 Location: Embassy Suites at Washington Square, Tigard, OR 97223

Come hear the latest analysis from the leading legal WEEE/RoHS source, Allen & Overy, LLP and receive European Environment Updates directly from Steve Andrews, UK Department of Trade and Industry (a leading government official).

Additionally, hear from industry peers on how their companies are complying and from AeA's experts in International and state environment issues.

Evolving Innovations (RFID) Conference

Date: May 05, 2007
 Time: 8am-5pm
 Place: Chemeketa Community College, Salem, OR
 Cost: \$25 by 27-Apr

Registration: See www.ieee-or.org/events for details

The Evolving Innovations Conference will show you the future of RFID and how it is and will impact you.

IEEE CPMT Workshop Coming May 24

IEEE Component Packaging and Manufacturing Society (CPMT) and Circuits and Systems Society (CAS) Oregon chapter is sponsoring a full-day workshop on recent advances in microprocessor and communication platform design technology. The workshop is intended to bring together Northwest technical professionals to exchange ideas and raise awareness to the latest developments in component, packaging, and platform design technologies.

The workshop is scheduled for Thursday, May 24 in Beaverton. More details will be available soon.

New IEEE Senior Members

The IEEE Oregon Section announces our newly elected Senior Members, advanced by the Admissions and Advancements committee meeting held March 18, 2007. The Section congratulates Terry and Thomas for their accomplishments which qualified them for this recognition.

Nominated by the Section
 Terry M. Lang
 Thomas L. Reynolds

We also announce that Roger L. Wittaker was advanced to senior Member at the February 17, 2007, A&A committee meeting. The composite report was not received in time to allow inclusion last month. Congratulations Roger.

Computer Society Digital Library Update

The IEEE Computer Society announces additions to the Digital Library. The update is available online at:

http://www.computer.org/portal/pages/ieeecs/publications/CSDL_update.html

Titles Needed for Journal Legacy

The IEEE Legacy Project is an effort to digitally convert the entire back-file for each IEEE periodical beginning with the first issue. These digital archives will be loaded into IEEE Xplore improving the depth of information available to members and customers. Currently about 50,000 articles have been converted and loaded into IEEE Xplore. There are about 30,000 additional articles in the queue for scanning and digitization.

However, there are gaps in the back-file materials. The following list contains all the periodical issues still being sought for this legacy project.

If you have copy of any of these issues, please contact Karen McLean, Senior Product Manager, Electronic Products at +1 732 562 6333 or k.mclean@ieee.org.

IEEE Aerospace and Electronic Systems:

Transactions of the Institute Technical Group on Aerospace of AIEE (1962) IEEE Transactions on Aerospace and Navigational Electronics (1965) IEEE Aerospace & Electronic Systems Newsletter (1961-1985)

IEEE Computer Society:

Annals of the History of Computing (1979-1987) IEEE Computers in Physics (1987) IEEE Computer Group News (1966-1970) IEEE Expert (1986)

IEEE Engineering Management:

Transactions of the IRE Professional group on Engineering Management (1953-1954)

IEEE Electromagnetic Compatibility:

IEEE Transactions on Radio Frequency Interference (1963) IRE Transactions on Radio Frequency Interference (1959-1962)

IEEE Industry Applications:

IEEE Industry Applications Newsletter (1967-1987) IEEE Transactions on Applications and Industry (Mar 1963-Nov 1964) Transactions of the American Institute of Electrical Engineers, Part 2:Applications/Industry (1952-Jan 1963)

Instrumentation and Measurement:

IRE Professional Group on Instrumentation Society Newsletter (1958-1962)

Power Engineering:

Power Apparatus and Systems (1952-1963) Transactions of the American Institute of Elec. Engineers, Part 3:Power Appar. & Systems (1952-1962)

Social Implications of Technology:

IEEE Technology and Society Magazine (1986-1987) Technology and Society (1977-1982) IEEE CSIT Newsletter (1972-1976)

Two Petition for Place on Annual Election Ballot

Two IEEE members are petitioning to be placed on the 2007 annual election ballot.

Fellow Ralph W. Wyndrum Jr. is running for 2008 IEEE president-elect, and Fellow Roger D. Pollard for 2008 vice president-elect, Technical Activities.

Eligible voting members who want to sign the candidates' electronic petitions can do so at

<http://www.ieee.org/election>.

For more information, contact Carrie Loh, IEEE Corporate Activities, at ["MailTo:c.loh@ieee.org"](mailto:c.loh@ieee.org).

New Technology Connections Portal Provides Resources for Exploring Emerging Technologies

The IEEE New Technology Connections Portal provides visitors with an overview of key emerging technologies supported by the New Technologies Directions committee, and a list of resources to obtain additional information. Each featured technology includes a general description, upcoming conferences, news articles, technical papers, related standards, professional organizations and academic programs. Technologies currently featured in the portal include RFID, remote sensing, wind power and WiFi, with more to be added. For more information, visit: <http://www.ieee.org/web/emergingtech/home/index.html>.

Engineers, Educators Partner to Expand Young Minds

PORTLAND, Ore. (April 9, 2007) The Business Education Compact (BEC) has announced that it will partner with the Institute of Electrical and Electronics Engineers (IEEE), the largest group of practicing electrical engineers worldwide, in programs to inspire Oregon students in science and engineering.

The teaming of these two organizations is the first of its kind in Oregon and will pair volunteer engineers from among IEEE's local 3,800 members with students to offer career guidance, mentoring through internships and classroom presentations to K-12 students.

"Our goal is to better prepare and motivate our students to go into professions that will generate high job satisfaction and at the same time meet the needs of society," said BEC Deputy Director Mary Beth Horton.

Technical professions are too often stigmatized as being just for introverts, difficult to master and accessible only by the extremely gifted. By offering students exposure to highly inspired, practicing engineers via classroom visits and to technology-intensive workplaces via internships for older students, the BEC will improve student motivation and direction and show that a technical profession is both desirable and achievable.

Dr. Chris Jacobs, public relations director for the Oregon Section of the IEEE, affirms BEC's mission, "I believe in the goals of the project, especially BEC's emphasis on scientific and technical knowledge as the cornerstone of future professions. To stay competitive in the future world market, the U.S. is going to need all the technically competent employees we can get."

BEC encourages participants from the business community to help shape the students of today into the future competitive workforce of tomorrow. Businesses can help by simply sending a volunteer engineer into the classroom or even by opening their doors to a student intern. In doing so, the business community can invest in the future by helping to make engineering desirable and attainable to young minds.

To participate in this valuable program of connecting the classroom to the workplace, please call Greg Kulander at 503.646.0242 x23 or email gkulander@becpdx.org.

About the Business Education Compact

For 23 years, this local nonprofit organization, has committed itself to "make learning real" by connecting the classroom and workplace with hands-on, innovative learning experiences for students and teachers, by creating and leading working partnerships with business and education and advocating for quality education in Oregon. Learn more about the BEC at www.becpdx.org or call Deputy Director Mary Beth Horton at 503.646.0242 x33, or email mbhorton@becpdx.org.

Complimentary Pass for IEEE members to Attend InnoTech this Year

InnoTech Oregon The Business & Technology Conference & Expo
Wednesday, April 25 and Thursday, April 26, 2007

Register now at www.innotechoregon.com
Using Discount Code IEEE99

For all conference sessions and to activate your pass visit
www.innotechoregon.com

Record Number of New Senior Members in 2006

The IEEE raised 2,608 members to senior member grade last year, the largest yearly increase ever, and 15 percent more than in 2005. This number also surpasses the goal of 2,400 elevations set by the IEEE Membership Development Committee. For more information and a regional breakdown of the statistics, read The Institute article at <http://bmsmail3.ieee.org:80/u/5760/50505050>.

IEEE SPECTRUM Receives Multiple High Profile Editorial Honors for Series on Re-engineering Iraq

IEEE Spectrum was honored by American Business Media's Jessie H. Neal National Business Journalism Awards with three recognitions for editorial excellence. A series of articles by executive editor Glenn Zorpette on "Re-engineering Iraq" (IEEE Spectrum, February 2006 and March 2006) won a Neal Award and the Grand Neal Award from among the competition's more than 1,000 entries. Created by American Business Media in 1955 to recognize independent business publications, The Neal Award is considered the "Pulitzer Prize of the business press." For both publications and editors, this prestigious award is the industry's highest honor and reward for excellence. Zorpette also was named the 13th recipient of the 2007 McAllister Editorial Fellowship, given annually to an editor to promote the study of business media.

The same series of articles received a National Magazine Award nomination in the Reporting category from The American Society for Magazine Editors, the consumer-magazine equivalent of the Academy Awards. The Reporting category honors the enterprise, exclusive reporting and intelligent analysis that a magazine exhibits in covering an event, a situation or a problem of contemporary interest and significance. Other finalists in the Reporting category include Esquire, Fortune, Rolling Stone and Time. The awards will be presented on the evening of 1 May at the Time Warner Center in New York.

IEEE Expert Now Courses now Available to Members through IEEE XPLORE

IEEE members can now purchase individual courses from the IEEE Expert Now collection directly through the IEEE Xplore digital library. IEEE Expert Now courses feature the best of IEEE's educational content delivered in one-hour, online courses. The interactive, multimedia tutorials contain the latest information on emerging technologies and cutting-edge trends presented by the leading experts in IEEE fields of interest. Continuing Education Units for maintaining professional licensure and certifications are available upon successfully passing the assessment, at no additional charge. All courses are peer-reviewed to ensure quality. IEEE members can purchase each one-hour course for \$69.95, with unlimited online access for 30 days from date of purchase. To review the course catalog, visit <http://ieeexplore.ieee.org/modules/modulebrowse.jsp>.

Seminar on Global Standards and Developing Economies to be Held in Tunisia 9-10 May

The IEEE, in collaboration with the Tunisian Ministry of Communication Technologies, will present a free seminar entitled "Global Standards and Developing Economies: Broadband Access and Infrastructure" 9-10 May in Tunis, Tunisia. The event will provide an in-depth introduction to international standards activities and highlight the scope of the IEEE and its relationships to other standards bodies. Hosted by the IEEE Standards Association Corporate Program, the conference will bring together leaders from industry, government and international standards organizations to share their insights on how local entities can participate in and optimize global standards and best practices to help close the digital divide. Visit the event Web site at <http://standards.ieee.org/corforum/tunisia/index.html>, or read the full press release at http://standards.ieee.org/announcements/pr_TunisiaSem1.html.

Educational Activities Board 2007 Call for Nominations Includes New Award

The IEEE Educational Activities Board is seeking nominations for its 2007 Education Awards. In addition to its seven existing recognitions, a newly-established annual award for Meritorious Achievement in Informal Education will be presented this year. The Meritorious Achievement in Informal Education award recognizes IEEE members who volunteer as librarians, docents, tour guides, or curators; or who act as technical advisors to or serve as board members of aquariums, museums, parks, zoos or similar settings where teachers, students, and the public benefit

from their professional expertise in science and technology. The deadline for all nominations is 30 April.

For descriptions of the full list of the awards, visit <http://www.ieee.org/web/education/EBAwards/index.html>. For access to nomination packets, visit <http://www.ieee.org/web/education/EBAwards/calls.html> and click on the award for which you would like to submit a nomination. Questions can be sent to eab-awards@ieee.org.

Technical Activities and Publication Services and Products Board Call for Nominations

The Technical Activities Board is seeking nominations for TAB Periodicals Committee Chair (2008-2009, two year term) and Vice President Elect, Technical Activities (2009; president, 2010, past president, 2011). Nomination forms and position statements should be returned by Monday, 30 April 2007. To request a nomination form and to obtain additional information of the functions and time commitment of the offices, contact Paula Dunne, Technical Activities, at +1 732 562 3919; or p.dunne@ieee.org.

The Publication Services and Products Board is seeking nominations for three member at large positions to serve from 1 January 2008 through 31 December 2010 and three ordered alternates. Endorsements (two page maximum) should be sent by 20 April 2007 to Josephine Germano, publications, at j.germano@ieee.org.

IEEE-USA Report

TE Online: New Ways to Leverage Your IP

You don't need to be a huge company to take advantage of the benefits of intellectual property ownership. IP such as copyrights, trademarks and patents may not be hard goods that you can sell, but they are investments. With the right planning and development, small businesses, sole-proprietorships, and even individuals can earn money for years based on their initial investments of time, creativity and expertise. Read on at: <http://bmsmail3.ieee.org:80/u/6078/11604>

Call for Nominations: IEEE-USA

The IEEE-USA Nominations and Appointments Committee needs your help in identifying U.S. IEEE members who may be interested in, and well-qualified for, service on IEEE-USA committees and/or in the following IEEE-USA board positions:

IEEE-USA President-Elect (2009)
IEEE-USA Member-At-Large (2009-2010)
IEEE-USA Secretary/Treasurer (2008)

IEEE-USA Vice President - Career Activities (2008) IEEE-USA Vice President - Member Activities (2008) IEEE-USA Vice President - Professional Activities (2008) IEEE-USA Vice President - Technology Policy Activities (2008) IEEE-USA Nominations and Appointments Committee (2008-09)

Eligible nominees include IEEE-USA Vice Presidents, IEEE-USA Secretary-Treasurers, U.S. Region Directors who have completed their terms or who are serving in their second year of that term, or members who have had experience as an IEEE-USA Committee Chair.

IEEE-USA board positions are for leaders who direct the day-to-day operations of IEEE-USA, provide leadership for our volunteer committees, oversee financial performance, and promote new activities. Nominees for these board positions must be Senior or higher grade members from IEEE Regions 1-6. Because of your leadership contributions to IEEE, you are in an outstanding position to identify members who are interested in improving IEEE-USA for the future, have strong leadership skills, and have exhibited a willingness to invest the time required. We greatly appreciate your help with this process.

To nominate candidates, please visit our online nominations page at: <http://bmsmail3.ieee.org:80/u/6079/11604>, or contact Helen Hall [h.hall@ieee.org] for more information. Nominations must be submitted by no later than 11 May 2007, to be considered for the positions listed above.

IEEE Members Save \$500 on AeA/Stanford Executive Institute

The IEEE has partnered with the American Electronics Association (AeA) to offer special savings on AeA training programs for high-tech executives, including the AeA/Stanford Executive Institute. Attendees will network with 100+ senior leaders in high-tech while advancing their business and leadership perspectives during eleven intensive days (12-23 August 2007) at Stanford University's prestigious Graduate School of Business.

- Learn from renowned business and engineering faculty from top-tier universities
- Explore critical aspects of corporate stewardship, business strategy, and operations.
- Network and exchange insight with colleagues and industry CEOs
- Build techniques for driving successful entrepreneurship and innovation
- Practice entrepreneurship and innovation

Since 1975, the AeA/Stanford Executive Institute, in partnership with Stanford's School of Engineering School and Graduate School of Business, has developed the careers of more than 3,400 high-tech executives.

Take advantage of the \$500 IEEE discount and make an investment that will push your career to new heights. Find applications and more information at <http://bmsmail3.ieee.org:80/u/6081/11604> or contact Jeannine Seremi-Banayat at 408.987.4276.

IEEE-USA Releases Two Free E-Books Profiling Consultants, Unemployed Members

Two recent IEEE-USA survey reports have been released, free to IEEE members, as downloadable e-Books. The 2006 IEEE-USA Consultants Profile reports on the most recent IEEE-USA biennial fee survey and provides the profile of typical self-employed and independent technical consultants, including their education, experience, business practices, median earnings and hourly fee. The IEEE-USA Unemployment Survey 2006 report provides a comprehensive portrait of IEEE's unemployed U.S. membership and offers insights into the causes -- and remedies -- for loss of employment among technical professionals.

To download a free copy of either book, go to <http://bmsmail3.ieee.org:80/u/6083/11604>, login using your IEEE Member Web Account, and then look for product UH3020 (Consultants Profile) or UH3380 (Unemployment Survey).

To view the full selection of IEEE-USA e-Books, visit: <http://bmsmail3.ieee.org:80/u/6084/11604>

Some 50 Half-Hour Segments of EWeek 2007 Global Women's Marathon Available Online

The third annual National Engineers Week "Global Marathon For, By and About Women in Engineering" was held on 22-23 March and provided insights and information on engineering careers to high school and college students, their teachers, counselors and parents, and professional women engineers worldwide. The EWeek Global Women's Marathon began on 22 March with a live webcast featuring Fran O'Sullivan, senior vice president of the Product Group at Lenovo; and former astronaut Sally Ride, the first American woman in space, and now President and CEO of Sally Ride Science. A discussion on how women can prepare for a future in engineering and technology closed out the Global Marathon on 23 March.

The Marathon also included presenters in Egypt, Poland, India, Australia, the United Kingdom, Japan and China. IEEE-USA collaborated with Marathon participants from IEEE Women in Engineering, the National Society of Black Engineers and the National Organization of Gay and Lesbian Scientists and Technical Professionals. The Global Marathon was created: to make many publics aware of existing programs and opportunities for girls and

women; and to help dispel myths about women and girls in science, technology, engineering and mathematics.

Some 50 half-hour segments (including audio and PowerPoint slides) from the Global Women's Marathon can now be downloaded at <http://bmsmail3.ieee.org:80/u/6085/11604>

Medal of Technology Nominations Sought

The Commerce Department is asking for nominations for the 2007 National Medal of Technology, the nation's highest honor awarded by the president to America's leading inventors and technological innovators. Deadline for nominations is 31 May 2007. For more information, visit: <http://bmsmail3.ieee.org:80/u/6086/11604>

ATP Competition: High-Risk R&D Funding

NIST's Advanced Technology Program (ATP) has announced that it will hold a single fiscal year 2007 ATP competition and is soliciting proposals for financial assistance. ATP also announces that it will hold public meetings (Proposers' Conferences) for all interested parties.

ATP provides cost-shared, multi-year funding to single companies and to industry-led joint ventures to accelerate the development and dissemination of challenging, high-risk technologies with the potential for significant commercial payoffs and widespread benefits for the nation. This unique government-industry partnership aids companies in accelerating the development of emerging or enabling technologies that lead to revolutionary new products and industrial processes and services that can compete in rapidly changing world markets. ATP challenges the research and development (R&D) community to take on higher technical risk with commensurately higher potential payoffs for the nation than they would otherwise pursue.

ATP is soliciting proposals in all technology areas as well as the following four broad Crosscutting Areas of National Interest: 1) Technologies for Advanced and Complex Systems, 2) Challenges in Advanced Materials and Devices, 3) 21st Century Manufacturing, and 4) Nanotechnology. Details regarding these four broad Crosscutting Areas of National Interest are included in the Federal Funding Opportunity (FFO) announcement available at <http://bmsmail3.ieee.org:80/u/6087/11604>.

For more information on ATP's challenge, visit: <http://bmsmail3.ieee.org:80/u/6088/11604>

Excerpts from The Institute Online

1. Survey Says Members Pleased With Public Awareness Programs The IEEE is doing a better job of raising the public's awareness of engineering and technology, according to the 2006 Member Satisfaction Survey, which asked how satisfied members are with the IEEE and its services. Read more about the results of the survey at <http://bmsmail3.ieee.org:80/u/6043/05229885>

2. Management Society to Become Council

The IEEE Engineering Management Society is set to be the first society to become a council. Because of financial and strategic reasons, EMS will start doing business as the IEEE Technology Management Council on 1 January, a change approved by the IEEE Board of Directors at its February meeting. For more information, visit <http://bmsmail3.ieee.org:80/u/6044/05229885>

3. Marketplace of Ideas: Free Laptops for Bloggers?

Microsoft recently gave away laptops, each loaded with the new Windows Vista operating system and valued at more than US \$2000, to about 90 bloggers who regularly write about technology. Some bloggers were happy to accept the computers, while others asserted that Microsoft was using the PCs as bribes to get good press. For its part, Microsoft said the computers were given away so the bloggers could evaluate and review them.

Should bloggers be held to the same ethical standards as traditional journalists, who generally cannot accept expensive gifts from the companies they cover? Weigh in at <mailto:institute@ieee.org>

And read responses to January's question on how you would feel if someone used the wireless Internet service you pay for to make free calls. Responses range from calling the use unethical to seeing no problem at all in the free calls. See what members had to say at <http://bmsmail3.ieee.org:80/u/6045/05229885>

4. Questions Sought for President-Elect Candidates

If you have a question about an IEEE issue that you would like to ask the IEEE President-Elect candidates, send it to <mailto:corp-election@ieee.org>

Answers by Marc Apter, Pedro Ray, and John Vig to selected questions will be broadcast on the IEEE Election Web site at <http://bmsmail3.ieee.org:80/u/6047/05229885> during the voting period, which runs from 1st September through 1st November.

Election ballots will be mailed to eligible voting members by 1st September.

For more information about the annual election, visit the IEEE Election Web site or contact the IEEE Annual Election staff at [<mailto:corp-election@ieee.org>](mailto:corp-election@ieee.org).

5. New Programs Help With Higher Education

The IEEE can help finance your child's college education or consolidate college loans, thanks to three new programs from the institute's Financial Advantage Program. While these programs are primarily for U.S. members, those from other countries who plan to study in the United States may also find the services useful.

Read on at <http://bmsmail3.ieee.org:80/u/6048/05229885>

6. IEEE and TrainingCity to Offer Technology Courses

Need to beef up your knowledge of network security, XML, or embedded Linux? Is the inconvenience and cost of going back to school holding you back? Taking these and other courses may now be a little easier, thanks to a recent partnership between the IEEE and TrainingCity. Find out more at <http://bmsmail3.ieee.org:80/u/6049/05229885>

7. African States Gain Access to IEEE Library

In an experimental program, the IEEE is working with schools in five sub-Saharan African countries to help them access the IEEE/IET Electronic Library at substantially reduced rates. To read more about this arrangement, visit <http://bmsmail3.ieee.org:80/u/6051/05229885>

8. Post or Search Summer Internships on the IEEE Job Site

If your company has summer internships to fill or if you're a student who's looking for an internship, visit the IEEE Job Site. Hiring interns is the best way to attract new talent to your organization, while the interns gain the valuable experience they will need once they graduate and join the workforce. The fee will be waived for internships posted to the Job Site before 20 June To post an internship, visit <http://bmsmail3.ieee.org:80/u/6052/05229885>

select "internship" as the job type in the "Post a Job" screen, and enter

the promo code JSINT7 at the checkout screen. If you have questions send an e-mail to [<mailto:employerjobsite@ieee.org>](mailto:employerjobsite@ieee.org).

9. Are You From a Family of IEEE Fellows?

The Institute is looking for IEEE Fellows whose relatives are also Fellows for possible inclusion in an upcoming

article. Contact the editors at
<<mailto:institute@ieee.org>>.

10. Where Mechanical and Electrical Engineering Intersect

Mechatropolis.com is a new online community and resource center for mechanical and electrical engineers who design mechatronic systems, which integrate mechanics, electronics, and embedded software to interact with the physical world. The site offers webcasts, product tests, and a large repository of technical articles. Learn more at
<http://bmsmail3.ieee.org:80/u/6054/05229885>

11. IEEE Hosts Seminar on Global Standards and Developing Economies

The IEEE, along with the Tunisian Ministry of Communication Technologies, will present "Global Standards and Developing Economies: Broadband Access and Infrastructure" from 9 to 10 May in Tunis, Tunisia.

The free event, hosted by the IEEE Standards Association Corporate Program, will provide an in-depth introduction to international standards activities and highlight the scope of the IEEE's efforts and its relationships to other standards bodies. For more information, visit

<http://bmsmail3.ieee.org:80/u/6055/05229885>

12. Can Countries Thrive Without Science and Technology?

While it's been commonly accepted that no country can sustain economic growth without giving its school population a solid foundation in science and technology, one Stanford University sociologist is arguing that that just isn't true. Read what he has to say in IEEE Spectrum Online's exclusive report at:

<http://bmsmail3.ieee.org:80/u/6056/05229885>

2007 IEEE ENGINEERING IN SCIENCE AWARDS

Below are the IEEE (Oregon) Special Awards given at the Intel NWSE science fair March 16 (www.nwse.org).

Middle School Awards

1-BEST IN IEEE OREGON AWARDS (5C, 5P)

IEEE Member Name: Deanna Phillips, Kim Janik, Kenneth Tsui

Project number: EV-51

Student Name: Lavanya Sridharan, Anisha Adke, Rohisha Adke, Meghana Kalavar, Kiera Degener-O'Brien

Project Name: "Purifying Water with Nanotechnology to make Drinkable."

School Name: Girl Scouts Columbia River Council

2 -BEST IN SYSTEMS, MAN AND CYBERNETICS ENGINEERING AWARD

Not Given

3 -POWER ENGINEERING AWARD (1C, 1P)

IEEE Member Name: Henri Joyaux, Kim Janik, Kenneth Tsui

Project number: ET-23

Student Name: Zachary Motto

Project Name: Hydro Power

School Name: Rachel L. Carson Environmental Middle School

4 -COMPUTER ENGINEERING AWARD (4C, 4P)

IEEE Member Name: Deanna Phillips, Kim Janik, Kenneth Tsui

Project number: EG-36

Student Name: Tesca Fitzgerald, Taytlyn Fitzgerald, Austin Bryan, Amelia Bryan

Project Name: "In Mechanical Engineering"

School Name: Village Home Educational Resource Center

5 COMPUTER SOFTWARE ENGINEERING AWARD (1C, 1P)

IEEE Member Name: Deanna Phillips, Kim Janik, Kenneth Tsui

Project number: ME-25

Student Name: Brinda Gokul

Project Name: "E-Linked Health Care"

School Name: Valley Catholic Middle School

6 TELECOMMUNICATIONS ENGINEERING AWARD (1C, 1P)

IEEE Member Name: Henri Joyaux, Deanna Phillips, Kim Janik

Project number: PH-35

Student Name: Alex Russell-Falla

Project Name: "Why Fi: An Exploration of Antenna Horn Geometrics in the 2.4 GHz Band"

School Name: Winterhaven Middle School

7 -EMC ENGINEERING AWARD (1P)

IEEE Member Name: Henri Joyaux, Deanna Phillips, Kenneth Tsui

Project number: EG-55

Student Name: Therese Chen

Project Name: "The Optimization of Electromagnetic Induction"

School Name: Valley Catholic Middle School

High School Awards

1 -BEST IN IEEE OREGON AWARDS

IEEE Member Name: Christopher Jacobs

Project number: EE-027

Student Name: Fei Chen, William Neiswanger

Project Name: "Increase Precision, Versatility, and Control in Laser-based Surgeries through the Intersection of Superimposed Varied

Frequency Lasers.”
School Name: Merlo Station High School

2 -BEST IN SYSTEMS, MAN & CYBERNETICS ENGINEERING AWARD

IEEE Member Name: Jesse Inkpen
Project number: CO-003
Student Name: Oliver Daniels
Project Name: “Computer Model of a Simple Nervous
 System Through the Stimulation of Neural
 Pathways”
School Name: Merlo Station High School

3. POWER ENGINEERING AWARD (1P) - (James Tanoto)

IEEE Member Name: Allen Taylor
Project number: EE-013
Student Name: Jessica Lund,James Tanoto
Project Name: “Comparing 535 Rubis-TBA and
 Blackberry Extract to Dye-Sensitive Thin
 and Thick Titanium Dioxide Photoelectro
 chemical Cells”
School Name: Oregon Episcopal High School

4. COMPUTER ENGINEERING AWARD

IEEE Member Name:Abram Detifsky
Project number: EE-069
Student Name: Dane Bennington
Project Name: “Portable Airborn Landmine Detector Platform “
School Name: Wilsonville High School

5 -COMPUTER SOFTWARE ENGINEERING AWARD (1C, 1P)

IEEE Member Name:Andreas Philipp
Project number: CO-015
Student Name: Nicholas Ewing
Project Name: “Online Japanese Study and Reference
 Center”
School Name: Skyview High School

6 -TELECOMMUNICATIONS ENGINEERING AWARD

IEEE Member Name: Abram Detifsky
Project number: EE-015
Student Name: Larissa Pham
Project Name: “Creating a Smart Bag using RFID and
 E-Textilei Technology”
School Name: Oregon Episcopal High School

7 -EMC ENGINEERING AWARD

IEEE Member Name: William Moyer
Project number: AN-030
Student Name: Aletheia Bouknight
Project Name: “Energy Mutated Flies”
School Name: Bend Science Station High School

8 -COMPUTER SCIENCES AWARD

IEEE Member Name: John Prohodsky
Project number:iCO-021
Student Name: Yale Fan
Project Name: “Applications of Multi-Valued Quantum
 Algorithms”
School Name: Catlin Gable School

Center for Professional Development Courses & Seminars

OGI School of Science & Engineering, Oregon Health & Science University

Apr 24 Tuesday IEEE PACE: 9 Steps to Product Leader-
 ship for the Technology Professional (Bruce Virell)

Apr 26 Thursday ABPMP: Delivering Value to the Busi-
 ness - That's the Intent (Kerry Sharp)

Details at <http://cpd.ogi.edu/>

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