

IEEE WIE OCTOBER 1998 NEWSLETTER

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UPDATED CONFERENCE ANNOUNCEMENT !!!

International Symposium on Technology and Society (ISTAS'99) Sponsored by: IEEE Society on Social Implications of Technology (SSIT), IEEE History Center and IEEE Women in Engineering (WIE) Committee

"Women and Technology: Historical, Societal and Professional Perspectives"

REVISED CONFERENCE DATE: 29-31 July 1999

REVISED CONFERENCE LOCATION: Hyatt Regency New Brunswick, New Jersey

The deadlines for session proposals and papers previously announced remain the same, and are as follows:

Abstracts of Individuals Papers 1 March 1999

Your Notification of Acceptance 15 April 1999

We are preparing a "Call for Papers" flyer on this conference. If you would like a copy, please indicate your desire to [women@ieee.org](mailto:women@ieee.org) and include your name and mailing address.

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IEEE AFFINITY GROUPS—IEEE'S NEWEST MEANS OF PROVIDING SERVICES AND PROGRAMS AT THE LOCAL LEVEL

Affinity Groups are IEEE's newest means of providing services and programs at the local level. In 1998, the Regional Activities Board (RAB), as part of its continuing evolution, approved the establishment of Affinity Groups to address non-technical or professional interest areas.

The current recognized sponsoring entities are Graduates of the Last Decade (GOLD), Women in Engineering, and Consultants Network. Local committees of these entities have been providing valued local programs and networking forums for members. A desire was expressed for a more formal place within IEEE and Sections, and thus RAB established a provision for Affinity Groups.

Affinity Groups are a direct parallel to the Technical Chapters of IEEE Societies with the previously mentioned groups serving as the sponsoring entities. A group wishing to be recognized as a sponsoring entity that may establish Affinity Groups may do so by petition to RAB.

If you require additional information, please contact:

E-Mail: [sec-chap-support@ieee.org](mailto:sec-chap-support@ieee.org)

Telephone: 732-562-5511

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UPDATES FROM THE U.S DEPT. OF EDUCATION: "COMMUNITY UPDATE"  
"MODERNIZING SCHOOLS: UPDATING TECHNOLOGY, BUILDINGS AND CLASSROOMS"

Keeping classrooms safe, modernizing school facilities and preparing students for college are among the topics scheduled for discussion as U.S. Secretary of Education Richard W. Riley's Satellite Town Meetings. This free, interactive satellite program is broadcast on the third Tuesday of every month to hundreds of communities across the country. Beginning this fall, the program will be broadcast live from the television studio at the Newseum, the world's only interactive museum of news in Rosslyn, Virginia.

The second meeting of the 1998-99 Satellite Town Meeting series will take place on October 20, 1998, from 8:00 to 9:00 p.m. Eastern time, and will address the topic issue.

For additional information or to register your participation:

Call 1-800-USA-LEARN, or

Visit <http://www.ed.gov/inits/stm>

E-mail: [Satellite\\_Town\\_Meeting@ed.gov](mailto:Satellite_Town_Meeting@ed.gov).

Excerpted from U. S. Department of Education, Community Update, October 1998.

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"WOMEN IN SCIENCE" WEB SITE

If biology, chemistry, physics, medicine or earth and space interests you, the "Women in Science" web site is for you. This site was created by three students for the ThinkQuest International contest. Two students from the Memphis Area collaborated with one student from Germany to complete the site. Yes, I said Germany. Nicole Hassold is a former student from Craigmont High School in Memphis and Kyle Thomas is a senior from Craigmont High School. They worked many months developing the content of the page, while Arne Frerichs, from Mariengymnasium Jeverin Germany did the programming of the site. This site includes the first International Registry for Women in Science, Electronic Field Trips, a Mentoring Area, Online Interviews, Biographies, and more.

The "Women in Science" site is the first ever to include an International Registry, rather than just a national registry. This allows women in science internationally to submit their names, job descriptions, and have a chance to become a mentor for a young student.

All dressed up with no place to go? Furthermore, how will you get there? Surf your way there with an Electronic Field Trip! The trips are composed of places that most students might not be able to visit. These scientific trips include such things as a step by step guide and description of DNA processing including pictures and human guinea pigs, (Nicole and Kyle.) The mentoring area is a place where students can log on and connect with a female in science to ask questions or advice on their particular field of interest.

In order to receive accurate information, Online Interviews were conducted via the Internet, with various females involved in science. To retrieve information about individual women in science, biographies were developed with detailed profiles, and in some cases, pictures.

Don't forget to take notes using the convenient Note Pad. Just log in, copy, and paste your notes from the site, save your notes, and log out. The next time you come to the site, your notes will be there for you to use again. The "Women in Science" site is so awesome, it includes a Future Scientists section, Teacher Resource, and Student Medal Awards area. Let's not forget to mention the Fun and Games and the Guest Book.

The Future Scientists section is for students to submit their name, and information about how THEY will affect science in the future. This will become part of the web page permanently. Teachers will have a chance to publish online too. The Teacher Resource section is an area specifically for teachers to submit lesson plans and retrieve plans from one another. This file cabinet will bulge as plans are added from all over the world. Once students have browsed the page, they can go to the Student Medal Awards section. Here, the number of areas visited on the page determines which medal award they receive (bronze, silver, or gold). Just print out your very own award with your name on it! Crossword puzzles and word searches pertaining to a specific area of science are available under the Fun and Games section.

Remember to leave your mark on this wonderful site by signing the Guest Book. The "Women in Science" web page is a great tool for scientists, future scientists, teachers, and students alike. You can find this wonderful site at: <http://library.advanced.org/20117>. Note: The page contains music when loading and works best with the latest versions of Netscape Navigator.  
ENJOY!

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IEEE-RELATED NEWS ITEMS!!!

#### ENGINEERING FOUNDATION 1999/2000 GRANTS AVAILABLE

The Engineering Foundation has announced the availability of 1999/2000 funding for projects related to the advancement of engineering.

IEEE entities working on start-up projects for the advancement of Engineering in professional planning information, or the public image of the engineer, should consider applying for a grant.

"Advancement of Engineering" grants range from US\$20,000 to US\$50,000 for one year. In order to be considered, a 2 to 3-page proposal must be received by the Engineering Foundation by 1 Oct. The grant Announcement is posted at: <http://www.engfnd.org/engfnd/grants.html>.

To find out more about funding opportunities, contact Karen Galuchie, IEEE Grant Administrator: telephone 732-562-3860; fax 732-981-0538;  
MailTo: [k.galuchie@ieee.org](mailto:k.galuchie@ieee.org).

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1998 RAB AWARD NOMINATIONS

The IEEE Regional Activities Board is currently accepting nominations for the 1998 RAB Achievement Award, Innovation Award, Leadership Award, and the Larry K. Wilson Transnational Award. The deadline for nomination submissions is 15 Oct.

The awards are the most prestigious RAB has to offer and are designed to recognize outstanding efforts by IEEE volunteers. They are not technical achievement awards. The nominees can be from any IEEE region.

For more information, contact Felicia Taylor; [MailTo:f.taylor@ieee.org](mailto:f.taylor@ieee.org) or visit the Website at [www.ieee.org/ra/rab/RABAWARDS.htm](http://www.ieee.org/ra/rab/RABAWARDS.htm).

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IEEE-SA FORGES LINKS WITH EUROPEAN COUNTERPARTS

The IEEE Standards Association has proposed formal links between it and the European Telecommunications Standards Institute.

At a joint meeting held in Sophia Antipolis, France, IEEE-SA and ETSI agreed to cooperate in a number of areas, including electromagnetic compatibility, wireless LANs, and network signaling.

While the agreement is between IEEE-SA and ETSI, Europe's two other official electronics-related standards bodies, Centre d'European Normalization (CEN), and the electrotechnical standards body Cenelec, expressed interest in future collaborative efforts with IEEE-SA.

For more information, contact Karen McCabe, IEEE Standards; telephone 732-562-3824; fax 732-562-1571; MailTo: [k.mccabe@ieee.org](mailto:k.mccabe@ieee.org)

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AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES SEEKING WOMEN ENGINEERS FOR RADIO SPOTS

AAES ORG is looking for several women who could be profiled in a series of 60-second radio spots describing their engineering achievements and how they have contributed to our economic, environmental, or national security, and/or quality of life. The AAES received a grant from the United Engineering Foundation and would write the copy using suggestions from the IEEE's Women in Engineering Society members. They would then disseminate the radio spots nationally as PSAs later this year.

This is the type of effort needed (admittedly on a much larger scale) to build a greater appreciation amongst the public for the work which engineers perform, and to inspire young people, particularly young girls, to pursue engineering as a career.

If there is a "Tina" Edison out there, AAES would like to hear from her. However, there are many women engineers like Donna Shirley, for example, who have served as the prime force or catalyst for a significant engineering development/discovery that the average American can relate to.

If interested, please contact:

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INNOVATOR ALERT: DISCOVER MAGAZINE SEEKING NOMINATIONS FOR TENTH ANNUAL TECHNOLOGY AWARDS PROGRAM

Discover Magazine is seeking nominations for its tenth annual technology awards program—women are especially encouraged to apply.

Individuals and companies compete for awards in several categories: aviation, aerospace, automotive, Communications, computers, consumer entertainment, emerging technology, energy, environmental remediation, imaging, materials, robotics, transportation, and video technology.

One entrant will receive \$100,000 from the Christopher Columbus Fellowship Foundation.

The awards, often dubbed the "Academy Awards" of science and technology, recognize the men and women most Responsible for recent technological breakthroughs. The editors at Discover are now conducting their most extensive search ever for new technologies which will afford the lucky winners the chance to receive worldwide acclaim for their innovations. Competition is expected to be fierce as millions of people witness this historic event, marking a decade of celebrating the finest pioneers influencing the world around us.

In addition, all finalists will be treated to an unforgettable weekend at Walt Disney World for the Tenth Annual Discover Awards ceremony, presented by the Christopher Columbus Foundation. One winner in each category will be announced live during the televised event. Past participants include Al Gore, Gene Siskel, Jim Lovell, Buzz Aldrin, Natalie Portman, Alan Dershowitz, Ray Charles, Penn & Teller, Governor Whitman and NYC Mayor Giuliani, among other notables.

All finalists will be featured in the July 1999 issue of Discover Magazine (read by more than 6 million people, each month).

Past winners and finalists were featured on CNN, ABC, NBC, CBS, NPR, MSNBC, CNBC, The Discover Channel, the Sci Fi Channel, The New York Times, The Wall Street Journal, and USA Today, among numerous other prestigious media outlets.

For a nomination form and more information, please visit [www.discover.com](http://www.discover.com) or call 212-807-5851. Deadline for entries: November 13, 1998.

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WIE has initiated a WIE Job Posting File with job postings that have been forwarded to us, unsolicited. If you would like to subscribe to this monthly posting file, send a message to [majordomo@ieee.org](mailto:majordomo@ieee.org) and type: subscribe women-jobs. This file will be maintained on a monthly basis. If you have any comments on the file, or would like to submit posting information, please submit to WIE at: [women@ieee.org](mailto:women@ieee.org).

We are pleased to offer other IEEE sites that contains job listings:

The IEEE USA Jobs Listing Service on the www at:  
<http://www.ieee.org/usab/DOCUMENTS/EMPLOYMENT/employment.menu.html>

The IEEE Careers & Education Web Site: "Careers & Education, Enabling Careers through Life-long Learning" can be accessed at <http://www.ieee.org/eab/>

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IEEE Membership Information: Senior Member  
Senior Member is the highest IEEE membership grade that may be obtained by application.

Why Apply?

- for recognition of accomplishment by peers
- for professional advancement
- for personal satisfaction

Who should apply?

Engineers, scientists, educators, technical executives or those in IEEE designated fields who have  
- at least ten years active professional practice, with five or more years of significant performance, -  
accomplishments in engineering, publications, management, education or professional contributions.

We highly recommend all qualified IEEE members to apply for Senior Membership. Another reason to apply for Senior Member grade is that Senior Member grade is required before one is eligible for IEEE Fellow nomination.

To obtain Senior Member Application forms, please contact:

IEEE Operations Center  
Admission and Advancement Committee  
445 Hoes Lane  
PO Box 1331  
Piscataway, NJ 08855-1331  
Tel: (732)562-5502 / Fax: (732)981-0225  
E-mail: [rab.aa@ieee.org](mailto:rab.aa@ieee.org)

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WIE Committee Scopes of Interest:

Scope 1:

Gather and disseminate information regarding the status of women and initiatives for, by and on behalf of women in engineering and science.

Scope 2:

Enable mentoring and education programs within IEEE. Make available information regarding gender-related educational issues which may improve the entry and retention of women in engineering programs.

Scope 3:

Increase the participation and membership of women within IEEE.

Scope 4:

Address ways to improve the climate for women in IEEE and the workplace.

IEEE Women in Engineering Committee  
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