Call for Participation: IEEE WIE International Leadership Conference (WIE-ILC). IEEE Women in Engineering cordially invites you to submit a session proposal for the IEEE Women in Engineering International Leadership Conference, WIE-ILC, to be held at the Westin San Francisco Market Street, San Francisco, California, USA on 2-3 May 2014.

More than 350 women from around the world will attend IEEE WIE-ILC to enhance their leadership skills, learn new ideas, and collaborate with technical professionals. For more information on the Call for Participation, please page 6.

Congratulations to Madras Women in Engineering on the 2012 Region 10 WIE Affinity Group of the Year Award. The Madras Women in Engineering Affinity Group has been selected as the winner of the 2012 R10 WIE Section/Student Branch Affinity Group of the Year Award. The Madras Group also recently won the 2012 WIE Affinity Group of the Year Global Award as well. The award certificate will be presented to the section at the 2014 Region 10 Annual Meeting to be held early next year, and includes a cash bonus of $250 USD for the section. Cheers!

Call for Nominations: IEEE Eric Herz Outstanding Staff Member Award. Have you worked with a dedicated member of the IEEE professional staff that has shown outstanding service and leadership in IEEE? Nominate him or her for the IEEE Eric Herz Outstanding Staff Member Award.

The award is named for Mr. Eric Herz, a longtime dedicated volunteer and staff member at IEEE. It is presented annually for demonstrated contributions over a long period by a present or past full time staff member who has served at least ten years on the professional team.

Nominations are due 31 January annually. Nomination forms and award-specific criteria can be downloaded from http://www.ieee.org/about/awards/recognitions/recognitions_herz.html. For info, email herzaward@ieee.org.

Call for Nominations: IEEE Technical Field Awards. Nominations are due 31 January annually for the IEEE Technical Field Awards (TFA). IEEE TFAs are

IEEE WIE KTH of Sweden meeting with first elected Member of Parliament, Meg Munn.

IEEE WIE KTH – Royal Institute of Technology recently met Megg Munn, the first elected Member of Parliament for Sheffield Heeley 2001, currently working with education and business leaders in South Yorkshire to make the region first choice for female scientists, engineers and technologists. Tune in next month for the full article covering this event.

Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org.
announced soon. Please visit the IEEE CCEM Virtual Environment in the coming weeks for updates http://bit.ly/186RyRB.

“Burnish Your Brand, Using Your Best Talents More Often” Article released by EMC. Sheryl Chamberlain, senior director Technology Standards, Open Source Strategy, Strategic Initiatives at EMC authored, “Burnish Your Brand, Using Your Best Talents More Often” which was released by EMC on the website of Forbes Magazine. In the article, Chamberlain discusses leaders and innovators and their impact on the global world, featuring Dr. Orna Berry, Sally Ride, and Kay Koplovitz. The inspiration for the article was how these amazing women were leaders in their respective fields of expertise, and then used their influence to pay it forward to the next generation.

Call to Action
1. Read the article
2. Leave a comment
3. Share with your community

Forbes Article – Burnish your brand can be viewed at: http://www.forbes.com/sites/emc/2013/09/06/burnish-your-brand-using-your-best-talents-more-often/

Mentors in your Life – 1 minute video can be viewed at: http://www.youtube.com/watch?v=GGowRTKTXTGY&feature=share&list=UUENzU WooCommerce.16

Excerpt: Burnish Your Brand
Wherever you go, whatever you do, the most effective tool you bring with you is the brand called “You.” My brand, cultivated over time, reflects my vision and passion of being an agent of change leading innovation in the corporate world. For me, this involves


The Fair is designed to raise awareness of engineering and technology educational needs with a view into the next 10 – 15 years; areas of focus include educational trends for pre-university, university and continuing education audiences. It will also incorporate virtual booths providing access for the attendees to a variety of IEEE programs, products, and services. The four-day event has dedicated the final day to IEEE Hot Topics, bringing to the Fair subject matter experts in the areas of Cyber Security, Smart Grid and Cloud Computing. The IEEE Education Fair is designed for a global audience - to register, visit http://bit.ly/16XUKwt. Follow us on Twitter at: twitter.com@IEEEEdad.

IEEE International Conference on Cloud Computing for Emerging Markets (CCEM) 16-19 October 2013. The IEEE International Conference on Cloud Computing for Emerging Markets (CCEM) will take place 16-19 October 2013 in Bangalore India. This global event follows the highly successful launch of the first CCEM conference in 2012. Complementing the in person event is a Virtual Job Fair to run 16 October 2013 – 5 November 2013. The Job Fair will close on the one-day CCEM virtual conference which will be on 5 November 2013. These three Cloud Computing events will bring together high-quality speakers and contributors from industry, government, and academia.

- To register for the in-person event, visit http://bit.ly/QPsPLQ.
- For more information on the CCEM Virtual Job Fair, including sponsorship opportunities, visit http://bit.ly/1flk4BM.
- An agenda for the 2013 CCEM Virtual Conference will be

IEEE HKN – Virtual Student Leadership Conference. The IEEE HKN Student Leadership Conference will take place on Thursday 24 October 2013. This event is designed to assist the IEEE HKN Student Chapters in raising their visibility to the general engineering student body. It is also a great opportunity for Chapter Alumni to reconnect with their alma mater. For more information on this event, visit www.hkn.org. Your attention is also requested to the information below:

Calling All Eta Kappa Nu Alumni. This is your chance to RECONNECT with Eta Kappa Nu. Staff is working with the IEEE HKN volunteers and Chapters to find those alumni who have lost contact with their home Chapter. If you are an Eta Kappa Nu member, please contact us at info@hkn.org so that our records can be updated.


Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org.
Psst…. Send in a picture of your WIE Affinity Group to be featured in the IEEE WIE Newsletter!

What group will be featured next month?

helping others find their unique gifts and then orchestrating the sharing of those talents to innovate new ways to contribute to the organization’s success. These collaborative efforts provide personal growth, development, and meaningfulness for us as individuals as well. Truly, this is a winning combination in a competitive global world.

For more information, contact Sheryl Chamberlain at sheryl.chamberlain@emc.com.

Quote of the Month

“My wish for the new millennium is for all children… to grow up wiser, and stronger and more prosperous for the future than ever before.”

-- Hillary Clinton


“Jack and the Beanstalk: a Mathematical Adventure” is intended for students from kindergarten to 3rd grade. Children can learn and practice math as they join Jack on an epic adventure, which unfolds one step at a time. Mathematical activities unfold along the way and are presented as an entertaining part of the story. The storybook app works on iPhone and iPad.

By solving the math problems, players help Jack overcome obstacles in his path. Each activity is appropriate for a youngster learning math, and provides valuable practice with reading, counting money, telling time, and recognizing shapes. Even the educational presentation itself is entertaining, filled with colorful graphics and illustrations.

Children can use the app on their own or in the classroom. It is available on the iTunes app store at:


Interested in Becoming an IEEE Senior Member?

If you are interested in learning more about the IEEE Senior Member process, join us for a live chat with Don Wright, vice chair, IEEE Admission & Advancement at 2pm October 23, 2013. http://www.ustream.tv/channel/don-wright. For additional chat dates, visit: http://www.ieee.org/membership_services/membership/women/women_events.html.

SAVE THE DATE! WIE On-Line Chats. In 2013, IEEE Women in Engineering will hold ten (10) on-line live discussions on the IEEE WIE Facebook page that connects IEEE female engineers with the larger engineering community.

How Can I Join the Chat? Access the following link: “Women in Engineering Facebook Page at:

<https://www.facebook.com/ieewomenengineering>

The chats are accessible by mobile. Mark your calendar. Here are the upcoming dates of the IEEE Women in Engineering On-Line Live Chats Series:

❖ 20 September 2013
Shalini Santhoshkumar, Region 10

❖ 27 September 2013
Pamela Kumar, Region 10

❖ 4 October 2013
Janet Flores, IAS

❖ 18 October 2013
Wanda Gass, Region 5

❖ 23 October 2013 2:00 PM EST:
Interested in becoming a Senior Member? Join this chat to learn more

To view WIE Events, please visit: http://www.ieee.org/membership_services/membership/women/women_events.html.

Smarter Planet Challenge Student Competition. IBM and IEEE are in search of creative team based student projects that can help students at any level learn about applying engineering, science and other disciplines to solve real world problems. It’s a great opportunity to put your engineering skills to use… and earn cash prizes too!

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Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org.
The competition is open to college/university students from all geographic locations. Student teams should have three to five members in any year of university study. At least one team member must be an IEEE member. To find out more about this exciting opportunity, please visit: www.ieee.org/go/smarter_planet_challenge or email smartplanetchallenge@ieee.org.

WIE eBook on iTunes. The IEEE WIE eBook is now available on iTunes. Visit https://itunes.apple.com/us/app/ieee-wie/id636008883?mt=8 or search IEEE WIE from your iPad or iPhone. Please share this resource. The Android version will be available shortly.

Great Mentors. Who has been the greatest mentor in your life? Hear female engineers and Google members talk about their mentors and how they landed their dream jobs at http://bit.ly/15cLfy7.

IEEE Women in Engineering Frances B. Hugle Scholarship Award Program.

To commemorate its 25th year anniversary, TechSearch International has partnered with IEEE Women in Engineering (IEEE WIE) to form the IEEE Frances B. Hugle Engineering Scholarship Award. This scholarship is in honor of the memory of pioneering legend Frances B. Hugle, an American serial inventor, scientist and engineer. TechSearch and its founder, E. Jan Vardaman, seeded the scholarship with a $5,000 donation this year. The objective is to raise $100,000 over the next few years to fully fund the scholarship award program.

This scholarship is established to encourage young women to follow in Hugle’s footsteps and pursue their interest in Engineering. The IEEE WIE Committee will administer the program, and will select one scholar annually to receive a $2,500 scholarship grant beginning as early as 2013. The scholarship will be presented to one female student in her third year of undergraduate study in an Engineering curriculum at an accredited university or college in the United States of America. Student membership in the IEEE is required.

Financial endorsements of the scholarship are being sought from organizations and persons to join in to support young women entering the field of Engineering by making a donation to this program. The IEEE Foundation, a tax-exempt 501(c)(3) organization in the US, is accepting and managing the donations as indicated below:

1. Online at www.ieee.org/donate by selecting the Frances B. Hugle Memorial Fund.
2. By check, payable to the IEEE Foundation - Frances B. Hugle Memorial Fund. The mailing address for check payments is: IEEE Foundation, 445 Hoes Lane, Piscataway, New Jersey USA 08854

To learn more about the IEEE Foundation, please visit ieeefoundation.org, call the IEEE Development Office at +1 732-562-3915, or email donate@ieee.org. Please note: This e-mail address is protected from spambots; JavaScript will need to be enabled. For more information on IEEE WIE, please visit www.ieee.org/women.

WIE would love to Profile You.

WIE will highlight IEEE Women Technical Professionals in the IEEE WIE newsletter! In an effort to recognize IEEE women’s achievements in STEM, the profiles will aim to increase the public’s perception of women in STEM fields. This spotlight of women technical professionals:

- Aims to enhance the understanding of STEM careers.
- Describes how the work of engineers benefits humanity and makes a difference.
- Introduce IEEE women, hear their stories of why they were inspired to become technical professionals, learn about their work environments, and find out their advice to girls interested in technical fields.

The profiles submitted will need to contain the following information:

- Brief biography
- Why did you become a technical professional?
- What information or advice would you like to pass on to young girls interested in STEM?
- How does your work as a technical professional benefit humanity?

If you are interested in being highlighted in the newsletter, please submit your profile to keyana.tennant@ieee.org.

Do you go to work every day and do what you love? Do you love what you do? Do tell. WIE want to hear about it! WIE are excited about Engineering and the many women that are a part of WIE! Women, who go to work every day and do what they love, and love what they do.

You are the essence of the WIE, the heart and soul of what makes the purpose and mission of the WIE a reality. WIE delight in your success and your zest and passion for Engineering. And, we want to hear your personal stories so that they might be a means to guide, mentor, and encourage other women in engineering. In today’s world, communication is at its peak, and so are technological advancements. But, behind all of this and the key to making this a reality are “people”, and they have a story to tell…. WIE want to hear about it.

WIE would like to profile your accomplishments in the monthly publication of the WIE Newsletter. WIE know that we have members out there who are doing a great job in the many fields and faceted disciplines of Engineering, and we want to recognize you within the WIE Community. If you or someone you know would like to share their story, WIE would be delighted to hear from you.

Please provide the person’s name, job title, employment information, a picture, a summary of what the person does, and what the person likes about Engineering to be included in the monthly newsletter. WIE would like to profile members working in all facets of engineering, ranging from doctors, scientists, educators, engineers, analysts, technicians, support functions, etc. WIE will profile one to two individuals monthly. Send all correspondences to Keyana Tennant at keyana.tennant@ieee.org or Paulette January at pjanuary@drs.com.

IEEE Fields of Interest Awards.

The IEEE Medals, Awards, and Recognitions are sponsored by some of the world’s leading corporations, foundations, and individuals who support IEEE’s fields of interest.

Click on the following links to learn more:

http://www.ieee.org/about/awards/index.html

AWARDS NOMINATION DEADLINES

31 January Technical Field Awards
1 July Medals

1 July Recognitions

15 November Fortescue Scholarship
Life Member Fellowship

For more information:

❖ Learn about the IEEE Awards Program
❖ Search for IEEE-level award recipients
❖ View archived video from 2012 Honors Ceremony
❖ View the IEEE Awards Board and standing committee members
❖ View a list of past women recipients of IEEE-level Awards
❖ View IEEE-level Awards presentation information
❖ View a list of IEEE-level Award sponsors
❖ View other IEEE awards Web pages

Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org
CALL FOR PARTICIPATION

IEEE Women in Engineering cordially invites you to submit a session proposal for the IEEE Women in Engineering International Leadership Conference (WIE-ILC) at the Westin San Francisco Market Street on 2-3 May 2014.

More than 350 women from around the world will be at IEEE WIE-ILC to enhance their leadership skills, learn new ideas and collaborate with technical professionals. This is a great opportunity to share your expertise and help advance other women in their careers.

WIE-ILC attendees will have the opportunity to create communities that fuel innovation, facilitate knowledge sharing and provide support through highly interactive sessions designed to foster discussion and collaboration. WIE-ILC focuses on providing leading-edge professional development for mid-level and senior women.

Speaker proposals are requested for the following (or related) topics by the deadline, 11 October 2013:

- Managing Technical Teams
- How to get the Promotion
- Effective Leadership
- Financial Basics for Technical Professionals
- International Business Basics & Marketing Ideas
- Gender & Diversity in Leadership
- Communicating with Tact
- Global Team Leadership
- Strategic Thinking
- Power & Influence
- Risk Management

Sincerely,

Nita Patel
2014 IEEE WIE-ILC Chair

call: 603.716.3040
e-mail: nita.patel@ieee.org
info: http://sites.ieee.org/wie-ilc/

Present at this signature IEEE WIE event!
Contact Nita Patel.

Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org
### Conference Audience

Conference participants primarily include female engineers, technology professionals, managers, executives and academics from around the world. The 2014 WIE-ILC expects 300-400 participants. Please ensure that your content is suitable for a professional, international audience.

### Conference Tracks

The WIE-ILC focus is leadership development. Topics aligned with a mini-MBA concept and the topics on the previous page will be presented in one of three tracks: Track 1 – Inspiration; Track 2 – Empowerment; Track 3 – Enjoyment

Different session formats are encouraged. For example, IGNITE panel sessions, Fishbowl brainstorming sessions and standard presentation formats are acceptable.

### Proposal Guidelines

Please ensure that content is non-commercial, uses moderate number of slides, includes interactive learning and is relevant and clear.

Please submit proposals to nita.patel@ieee.org by 11 October 2013. Proposals should include the following:

- Presenter name, full mailing address, phone, and email
- Brief presenter bio (maximum 300 words)
- Name, full mailing address, phone, email, and bio for each co-presenter
- Session description (maximum 250 words)
- Session type (e.g. workshop, panel, interactive)
- Learning objectives
- Recommended track (e.g., Empowerment, Inspiration or Enjoyment)
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WIE AROUND THE WORLD

- News from IEEE WIE Section Affinity Groups
- News from IEEE WIE Student Branch Affinity Groups

WIE-NEDUET’s “Reboot The Earth” Event held in Karachi, Pakistan

IEEE WIE NED University of Engineering & Technology (NEDUET) Student Branch Affinity Group celebrated Environment Day with a 3-day mega event entitled, “REBOOT THE EARTH – Reduce, Reuse, Recycle” (also written as RebooThEarth) on May 25-27, 2013 in Karachi, Pakistan. The event revolved around the idea of engineers making a difference in the world by reducing, reusing and recycling: to “Reduce” the usage of resources in the first place; secondly, to “Reuse” the things that they already have that are generally deemed as useless material; then, thirdly, trying to extract its absolute potential before “Recycling” it, which is the last step to covert seemingly waste/unwanted material into potentially useful material.

The Dean of Electrical and Computer Engineering (ECE) at NEDUET acknowledged the event by indicating; “The name of the event itself signifies the whole concept of the 3 R’s and their relationship with Engineering and Technology.” In recognition of IEEE WIE NEDUET’s exceptional performance of this event, please click on the pushpin to read the full article covering the event by the NEDUET WIE Report submitted by Hiba Ovais Latifee, WIE Chair, NEDUET

Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org
The inaugural event of the Women in Engineering at Letterkenny Institute of Technology (LYIT) was held in June 2013 in Ireland. The purpose of the meeting was to provide a forum for women to meet; to find ways to work in partnership to progress their careers; and, to promote women in STEM. This event included women from civil engineering, forensic science, cloud computing, fire technology engineering, mainframe programming, electronics and education.

An interesting mix of backgrounds perhaps, but certainly indicative of the need for professional women in STEM to get together and help each other. The meeting started with presentations on “Increasing the Number of Women in Computing” followed by a presentation on “Working from Home”. Moving the program forward, the next meeting will be held in October 2013. For more information on the WIE at LYIT, please visit wie@lyit.ie.

Submitted by Ruth Lennon, Computing Department, Instituto Tecnolologico y de Estudios Superiores de Occidente/LETI

The “Highway to Redmond” event took place on August 15, 2013 at NED University of Engineering and Technology (NED UET) in Karachi, Pakistan. This was a technology workshop focusing on current Microsoft Technologies and highlighting the benefits of Microsoft certification. The event was organized under the leadership of IEEE WIE NED UET Student Branch Affinity Group.

The guest speakers included Umair Panjwani, Muhammad Atif Hussain, Umeema Adil, and Asadullah Chaudhry. Each speaker was proficient in their respective fields. “Microsoft Certification makes you someone everybody turns at!” was the topic and presentation provided by Umair Panjwani, Information Technology project manager, Teletech Engineers Pakistan. As part of introducing the upcoming Windows 8.1 operating system and sharing information on its extraordinary features, Umair further talked about Microsoft Outlook, Microsoft Word 2013, Microsoft PowerPoint 2013, Desktop customization on Windows 8 operating systems, encryption layers provided by Windows, and domain and webhosting facilities.

Following this session, Muhammad Atif Hussain, head of Information Technology, Takaful Pakistan, with 15 different certifications in Microsoft Technologies, made his way towards the stage. He is one of the most respected Microsoft Certified Trainers (MCTs) of the region, and attended the Microsoft MCT Summit 2010 in the UK. He talked on latest Microsoft Technologies, .NET framework and its innumerable advantages, Language Interoperability,
Intermediate Languages, Just-In-Time Compilers, redistributable packages, Database Development, etc. He stated that in using a single Integrated Design Environment, we can work on different languages using .NET framework. Muhammad gave a vast amount of information to all attendees of the workshop.

Umema Adil, the world’s youngest Microsoft Certified Professional (MCP) in Asp.Net, who also recently passed the Microsoft Certified Technology Specialist (MCTS) exam for Windows Applications Development at age 16, talked on self-actualization and self-determination. Umema is currently pursuing her O levels. Umema gave a very precise and striking presentation with great zeal, recited an excerpt from Sean Covey’s inspirational book and at the end of her presentation, asked the audience if they were convinced to believe in themselves on making all kinds of decisions.

Asadullah Chaudhry, chief executive officer, AUC Technologies Pakistan, director, Special Projects of PMI Karachi Chapter, associate member, New Horizon Pakistan, technology facilitator, Sir Syed University of Engineering and Technology Karachi, and a leader in professional education on Microsoft’s Technologies, gave the most captivating talk of all. Asadullah emphasized on entrepreneurship, management skills, business earnings, communication skills and also presentation skills. He got all of the audience involved with his light and witty, yet impressive presentation.

Each speaker’s session ended with a question and answer session in which the Microsoft Professionals tested the knowledge of the jam-packed NEDUET Lecture Hall of attendees and upon correct answers, gave away subscriptions to different Microsoft Software and applications. The event ended with the guest speakers being presented with mementos and gift bags of WIE from WIE-NEDUET’s Chairperson Hiba Latifee, thanking them all for such a brilliant session. For a bird’s eye view of the event, see the picture collage below.
Atif Hussain discussing the advantages of .NET Framework

Umema Adil listens to the queries of the participants intently

The speakers and participants beam at Umema Adil’s light humor

The participants partake in Q&A session

The WIE-NEDUET chair presenting the speakers with mementos and gift bags (four speakers)

Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org.
Asadullah Chaudary involves the audience with his enthusiasm

Team WIE-NEDUET takes a memorable picture with the speakers

-- Submitted by Hiba Ovais Latifee, IEEE WIE NEDUET Student Branch Affinity Group, Region 10, Karachi Section

The Chair Hiba Latifee wears a triumphant smile at the end of a successful event

Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org.
WIE RESOURCES

Scholarships, Internships, Grants & Awards For Girls
Informative Publications History
Women in Engineering Statistics
Women in Science/Engineering Societies & Groups
Mentoring & Educational Resources
National Engineers Week/EWeek Activities

More Interesting Links

Electronics & Electrical Engineering Laboratory (NIST)

Science and Technology Resources

Engineer Your Life

Women and Minorities in Science and Engineering

LAST MONTH’S RIDDLE.
What winter game do you learn in the fall? Answer: “Ice skating.”

CAN YOU FIGURE THIS RIDDLE?
What happens when skiers get old? (Tune in next month for credits and the answer.)

IEEE GEOGRAPHICAL EVENTS AND ACTIVITIES

MGA - Region Meetings Calendar

http://www.ieee.org/web/volunteers/mga/home/meetings_calendar.html

IEEE WIE Committee. The IEEE Women in Engineering Committee (WIEC) consists of 10 voting members appointed by the Board of Directors. The WIEC is responsible for facilitating the development of programs and activities that promote the entry into and the retention of women in engineering programs, enhance the career advancement of women in the profession, and promote IEEE membership and retention of IEEE women members.

WIE Committee Members - 2013
Nita Patel, Chair
Ramalatha Marimuthu, Past Chair (2011-2012)
Parveen Wahid (2012-2013)
Bernadette Bouchon-Meunier (2012-2014)
Deepa Shenoy
Nury Ramirez
Takako Hashimoto
Noel Schulz (TAB) (2012-2013)
Shalini Santhosh, Student Member (07/01/13- 06/30/14)

WIE Staff
Keyana Tennant, Program Manager – WIE
Paola Bringas, Administrative Assistant – WIE

WIE Project Champions – 2013
Dr. Karen Panetta, Editor, WIE Magazine
Keyana Tennant, Associate Editor, WIE Magazine, WIE Newsletter
Paulette January, Editor, WIE Newsletter
Stephanie White, Awards

2013 WIEC Liaisons

EAB – TBD
IEEE – TBD
Carmen S. Menoni (PSPB)
Pamela Kumar – Standards Association
Noel Schulz (TAB) (2012-2013)

2013 WIE Regional Coordinators
Darlene Rivera (Region 1)
Katherine Duncan (Region 2)
Anastasia Davis (Region 3)
F; Ayhan Sakarya (Region 4)
Maura Schreier-Fleming (Region 5)
Shirin Tabatabai (Region 6)
Zahara Ahmadian (Region 7)
Joyce Mwangama (Region 8)
Nury Ramirez (Region 9)
Takako Hashimoto (Region 10)

2013 Society Coordinators
AEROSPACE & ELECTRONICS SYSTEM SOCIETY, TBD
ANTENNAS AND PROPAGATION SOCIETY, Parveen Wahid

Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org.
BIOMETRICS COUNCIL, TBD
BROADCAST TECHNOLOGY SOCIETY, TBD
CIRCUITS AND SYSTEMS SOCIETY, Pamela Abshire
COMMUNICATIONS SOCIETY, Marie-Jose Montpetit
COMPONENTS, PACKAGING, AND MANUFACTURING TECHNOLOGY SOCIETY, TBD
COMPUTATIONAL INTELLIGENCE SOCIETY, Jennie Si
COMPUTER SOCIETY, Jane Prey
CONSUMER ELECTRONICS SOCIETY, TBD
CONTROL SYSTEMS SOCIETY, Linda Bushnell
COUNCIL ON ELECTRONIC DESIGN AUTOMATION, Ayse Coskun
COUNCIL ON SUPERCONDUCTIVITY, Cathy Foley
DIELECTRICS AND ELECTRICAL INSULATION SOCIETY, Azam Nekahi
EDUCATION SOCIETY, Lynne Slivovsky
ELECTRON DEVICES SOCIETY, Thuy Dao
ENGINEERING IN MEDICAL AND BIOLOGY SOCIETY, Lisa Lazareck
GEOSCIENCE SOCIETY, Gail S. Jackson
INDUSTRIAL ELECTRONICS SOCIETY, Leila Parsa
INDUSTRY APPLICATIONS SOCIETY, Janet Flores
INFORMATION THEORY SOCIETY, TBD
INSTRUMENTATION AND MEASUREMENT SOCIETY, Ferdinanda Ponci
INTELLIGENT TRANSPORTATION SYSTEMS SOCIETY, Emily Sopensky
MAGNETICS SOCIETY, TBD
MICROWAVE THEORY AND TECHNIQUES SOCIETY, Rashaunda Henderson and Sherry Hess
NANOTECHNOLOGY COUNCIL, Carmen Lilley
NUCLEAR AND PLASMA SCIENCES SOCIETY, Allan Johnston
OCEANIC ENGINEERING SOCIETY (OE), Marinna Martini
PHOTONICS SOCIETY, Hatice Altug, Ph. D.
POWER ELECTRONICS SOCIETY, Maryam Saeedifard
POWER & ENGINEERING SOCIETY, Shay Bahramirad
PRODUCT SAFETY ENGINEERING SOCIETY, TBD
RELIABILITY SOCIETY, Marsha Abramo
ROBOTICS AND AUTOMATION SOCIETY, Xiaorui Zhu (2012-2014)
SENSORS COUNCIL, TBD
SIGNAL PROCESSING SOCIETY, TBD
SOCIAL on IMPLICATIONS of TECHNOLOGY (SSIT), TBD
SOLID STATES CIRCUIT SOCIETY, Wanda Gass
SYSTEMS COUNCIL, Stephanie White
SYSTEMS, MAN AND CYBERNETICS SOCIETY (SMCS), Maria Pia Fanti
TECHNOLOGY MANAGEMENT COUNCIL, Jennifer Trelewicz
ULTRASONICS, FERROELECTRICS, AND FREQUENCY CONTROL SOCIETY (UFFC), Lori Bridal
VEHICULAR TECHNOLOGY SOCIETY, Carmella Cozzo

Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org.
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Welcome to Nerd Girls

Reality Television!

Welcome to Nerd Girls Reality Television!

View more information on Engineer Girl or find Women Engineer profiles.

Turn imagination into reality with a future in engineering!

You'll have the power to make a difference!

You'll have money and job security! You'll be working with other talented people! You'll have lots of options!

You'll get to do cool stuff!

Engineers will be involved in making all the wonders of the future a reality. Interested? Visit the website below for Engineer Girl at: http://www.engineergirl.org/

Learn More about the IEEE WIE STAR Program!

WIE is coming to IEEE TV.

Look for programming information coming your way soon!

Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org.
IEEE WIE ASSISTANCE.

The IEEE GirlsGoEngineering.org Project

IEEE GirlsGoEngineering.org Project, a pre-university science, technology, and engineering education and career preparation program of the IEEE, was founded in 2008 by IEEE Region 3 and the IEEE Richmond Section.

IEEE GirlsGoEngineering.org will provide girls, teens, educators, and adult leaders with programs, activities, material, and web resources to:

• Develop in girls an appreciation for engineering principles.
• Enable girls to learn to enjoy engineering practices.
• Energize girls toward careers in engineering, mathematics, and the physical sciences.

Find out more at: http://girlsgoengineering.org/about/index.html.


IEEE Women in Engineering Magazine includes topics that show the cross-cutting and interdisciplinary nature of engineering, containing articles that integrate engineering with current issues facing society such as Careers, Health Care, Medicine, Law, Governance, as well as international women’s issues. For advertising, visit http://www.ieee.org/ieee-media and scroll down to the WIE Cover.

The Engineer’s Pledge

Engineer Your Life “Dream big. Love what you do.”

Do you want to help give engineering a better image? Do you want to let people know how exciting and rewarding an engineering career can be? Then change the way you talk about engineering!

Take the Engineer’s Pledge. For more information on the Engineer’s Pledge, please visit Facebook at: http://www.facebook.com/pages/The-Engineers-Pledge/139865679358530?ref=ts#!/pages/The-Engineers-Pledge/139865679358530?v=info&ref=ts.

Awards, Scholarships and Competitions

IEEE offers a variety of awards, competitions, contests, scholarships and fellowships. Many are offered to IEEE student members, such as the Regional Student Paper Contests and the Student Enterprise Award. You will find contact information for each award listed when you click on the link. Two Student Branch awards to get you more involved include the Darrel Chong Student Activity Award and the IEEEXtreme 24 hour Programming Challenge.
TryEngineering.org

The IEEE and IBM have created a new Web site that combines information on engineering careers with interactive activities. Intended for pre-university students, parents, teachers, school counselors, and the general public, TryEngineering.org lets visitors explore how to prepare for an engineering career, ask experts engineering-related questions, play interactive games, and more. Visit www.tryengineering.org today!

Career and Employment Resources

The IEEE offers a range of opportunities for members and others interested in advancing their careers or finding employment. If you don't find what you're looking for here at http://careers.ieee.org, be sure to visit the IEEE Education section or IEEE-USA for additional resources to support your professional journey. IS YOUR SALARY ON TARGET? Check out the IEEE-USA Salary Service ... Click on this link to take the IEEE-USA Salary Survey.

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IEEE memberNet - The IEEE Member Directory Online

IEEE memberNet is an online search and networking tool that allows members to connect with technical and engineering experts worldwide. This tool can be utilized by members seeking peers who share a common technical interest, membership, or affinity. Visit the website at http://www.ieee.org/web/membership/memberNet.html


WIE is now on Facebook! The WIE is on Facebook.


IEEE Global History Network provides an opportunity for IEEE members to tell in their own words stories of their involvement in technology at http://www.ieeeghn.org/wiki/index.php/Special:FirstHandHistories.

Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org.
IEEE Women in Engineering

Join our Facebook page
http://www.facebook.com/ieewomeninengineering

Contact us at women@ieee.org

IEEE WIE is a vibrant community of individuals collectively using their diverse talents to innovate for the benefit of humanity. The mission of WIE is to facilitate the recruitment, retention and recognition of women in technical disciplines globally.

What makes WIE unique?
- Members focused in technology professions linked to IEEE technical societies
- Associated with a worldwide, multidisciplinary community of engineers, scientists and educators

The Benefits of Women in Engineering
- WIE Magazine (June & December)
- WIE Monthly Newsletter
- Scholarships: WIE Clementina Saduwa Scholarship, Frances Hugle Scholarship, and the Edith Hannigan Scholarship
- 15,000+ Pre-University, University, and Professional Connections
- Networking Opportunities, Forums/Receptions, and Conferences
- Community-centric, local WIE Affinity Group activities
- STAR Program providing mentoring, networking and growth through pre-university outreach activities which encourage students to pursue engineering
- Member Grade advancement support
- And much more!

To join WIE, add “IEEE Women in Engineering”, MEMWIE to your renewal invoice, or select “IEEE Women in Engineering Membership” under “special Interest Groups” when you renew online. Please remember to add $25 to your payment. Membership is free to Life Members, Student and Graduate Student members.

Visit us at www.ieee.org/women

WIE Highlights

Over 450 WIE Affinity Groups in over 40 countries


2013-2014 WIE Committee Chair: Nita Patel

Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org.
IEEE Women in Engineering would like to introduce you to our resources that will aim to inspire and empower girls to become engineers, while celebrating the achievements of IEEE women in the profession, and raising the importance of Technical careers, and how they benefit humanity.

IEEE Women in Engineering eBook:

1) aims to enhance the understanding of engineering careers
2) describes how engineers benefit humanity and make a difference
3) introduces IEEE women and hear their stories on why they were inspired to become engineers, their work environments, and their advice for girls interested in becoming engineers.

Download the IEEE Women in Engineering free App by searching IEEE WIE on your iPad or phone. The Android version will be available shortly. The PDF Version is available at http://www.ieee.org/ns/periodicals/WIE/issue1/index.html

IEEE Women in Engineering On-Line Live Chats:

IEEE Women in Engineering holds on-line live discussions that connect IEEE female engineers with the larger engineering community.


How to join the chat?

Visit the IEEE Women in Engineering Facebook Page at www.facebook.com/ieiewomeningenineering or find links to the presenters’ Ustream Channel on the WIE Events page.

*Facebook account not required to participate
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IEEE WIE POSTER SERIES ARE NOW AVAILABLE.
Order your copies today for display and program events at [http://www.ieee.org/women](http://www.ieee.org/women).

I am versatile.

Advice to girls interested in technology:
"Work hard—there's a great payoff in the end."
Kim Knudsen, Electrical and Mechanical Engineer

I (really) use my imagination.

Advice to girls interested in technology:
"If you are on the inside, so you'll be happy on the outside."
Kevan Parris, Computer Engineer

I energize the future.

Advice to girls interested in technology:
"Energy is a system, not for each human being. Working on the development of energy means working on the survival of a sustainable, good future for all."

I Change the World. I am an Engineer.

I strive for less.

Advice to girls interested in technology:
"Discover and develop your talents and don’t be afraid to use them."
Debi Manfield, Social Engineer

I work with power.

Advice to girls interested in technology:
"I have an interest in the ability to power a robot to drive resources, and provide the basic utilities to all. Earth responder power—and so will the new planets that we populate in the future."

I help humans and robots get along.

Advice to girls interested in technology:
"My passion is a field called robotics, which deals with the study of ethical and social implications of robotics for safer and more positive human-robot interaction."

Read more about women in engineering at [www.ieee.org/women](http://www.ieee.org/women).

IEEE Women in Engineering (WIE) is the largest international professional organization dedicated to promoting women engineers and scientists.
Write to us at women@ieee.org.

Please visit our website at [http://www.ieee.org/women](http://www.ieee.org/women), or email us at wie-newsletter@ieee.org.
I work with friction stir processing.

Advice to girls interested in technology: "Embrace the difficulties."—Dr. Antoinette Scotti, Engineer, Boeing

I nourish young minds.

Proule author of technical papers and reviews in the field of control systems, Saimma's contributions to bright minds and her solutions to complex technical problems have garnered many awards.

Advice to girls interested in technology: "Do what you love to do, follow your passion."—Dr. Saimma Ali, Control Systems Engineer, GIS&I

I live IT.

Kathy is currently Deputy Program Manager for Missile Defense Agency’s Command, Control, Battle Management & Communications Spinal & 2 Product Development.

Advice to girls interested in technology: "Stand out and highlight your intelligence."—Kathy Land, Information Technology

I Change the World. I am an Engineer.

I design faster fibers.

“I am a research engineer who designs new optical fibers, evaluates their performance, and gives technical advice to support new standards.”—Ping Sun, Communications Engineer

I know nano.

“One of my first undergraduate research projects was to grow zinc oxide nanowires using a low-temperature solution method. My senior thesis would later be designed around this work.”—Ashley Stewart, Electrical Engineering Institute

I love collaboration.

“Every day I get to see how our students and graduates are tackling the world’s most pressing problems.”—Liza Mironov, Computer Science and Electrical Engineer

Read more about women in engineering at www.ieee.org/women

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I work smart.

Advises girls interested in technology:
"A degree in engineering is a great foundation."

- Heather Beatty | District 8

I partner with robots.

Advises girls interested in technology:
"Have confidence in yourself."

- Gerty Beatty | Computer Science and Engineering

I chose not to be a lawyer.

Advises girls interested in technology:
"Be flexible enough to accept change, and get involved."

- Patrick Jones | Electrical and Mechanical Engineer

**I Change the World. I am an Engineer.**

I test cold light.

"I am the lead reliability and test engineer for the lighting program at Ingersoll Rand's Climate Solutions, evaluating LED products specifically designed for refrigeration."

- Advice to girls interested in technology:
"Don't allow stereotypes to determine the course of your life."

- Yvonne Lobet | Reliability and Test Engineer

I lead.

"Pamela is not only a Lead Software Engineer, she enjoys leading roles within the IEEE Computer Society, the Technical Council on Software Engineering, and in her own science, technology, engineering, and mathematics community."

- Advice to girls interested in technology:
"Shoot for the moon. Even if you miss, you'll be among stars."

- Pamela Iwuzi | Software Engineer

I connect people.

"In my work as an internet service provider in Turkey, I provide internet, data, and voice services, which helps play the role in our lives."

- Advice to girls interested in technology:
"Believe in and have self-confidence about engineering."

- Sohag Elcigil | Network and Cybersecurity Engineer

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Read more about women in engineering at www.ieee.org/women

IEEE Women in Engineering

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Please visit our website at http://www.ieee.org/women, or email us at wie-newsletter@ieee.org.
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IEEE Women in Engineering Committee Chair 2013

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