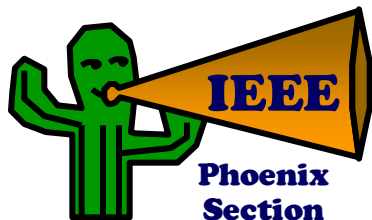


# The Valley Megaphone

Newsletter of the  
**Institute of Electrical and  
Electronics Engineers, Inc.,  
Phoenix Section**  
June 2013,  
Volume XXVII, Number 6



## Executive Committee 2013

### Chair

Charles Weitzel, 480-292-0531  
[c.weitzel@ieee.org](mailto:c.weitzel@ieee.org)

### Vice Chair

Barbara McMinn 602-371-6383  
[barbara.mcminn@aps.com](mailto:barbara.mcminn@aps.com)

### Secretary

Bruce Ladewig, 480-620-9291  
[bruceladewig@ieee.org](mailto:bruceladewig@ieee.org)

### Treasurer

Surinder Tuli, 480-554-8275  
[Surinder.tuli@gmail.com](mailto:Surinder.tuli@gmail.com)

### Past President

Ralph Hogan, 480-774-8227  
[rhogan@ieee.org](mailto:rhogan@ieee.org)

### Publicity

Mahesh Shah, 480-544-9438  
[mkshah@ieee.org](mailto:mkshah@ieee.org)

### PACE

Vivek Gupta, 480-734-0266  
[vmgupta@msn.com](mailto:vmgupta@msn.com)

### Membership

Vasudeva P. Atluri,  
480-227-8411  
[vpatluri@ieee.org](mailto:vpatluri@ieee.org)

### Student Activities

S.Diane Smith, 602-749-4601  
[sdianesmith@computer.org](mailto:sdianesmith@computer.org)

### Conferences

Brad Morantz, 480-348-5945  
[bradscientist@ieee.org](mailto:bradscientist@ieee.org)

### Awards

Vasudeva P. Atluri,  
480-227-8411  
[vpatluri@ieee.org](mailto:vpatluri@ieee.org)

### Inter-Society

Mike Andrews, 480-991-1619  
[m.andrews@ieee.org](mailto:m.andrews@ieee.org)

### Webmaster

Krishna Bharath 480-552-8913  
[kbharath@ieee.org](mailto:kbharath@ieee.org)

## In this Issue of the Valley Megaphone: Table of Contents

U – News.....	2
Student Branches .....	2
Upcoming Conferences.....	3
Signal Processing & Communications Society .....	4
CPMT Phoenix Chapter .....	5
Power & Energy Society.....	6
Solid State Circuits Society.....	7
IEEE EMC Society.....	8
Life Member Affinity Group.....	9
Women in Engineering Affinity Group.....	10
Computer Society .....	11
Wave and Devices .....	13
IEEE Gold .....	14
2012 IEEE Phoenix Section Calendar .....	15
Phoenix Section Executive Committee Meeting....	15
IEEE Membership Grade Advancement .....	16
Enhanced Senior Member Application Launched..	16
Phoenix Section LinkedIn Group .....	15

IEEE Phoenix Section on-line updates can be found at <http://ewh.ieee.org/r6/phoenix/> and on LinkedIn at: <http://www.linkedin.com/groups?gid=2765918>

Please send announcements for the *Valley Megaphone* to Mahesh Shah at [mkshah@ieee.org](mailto:mkshah@ieee.org) for inclusion in the Section Calendar.

The IEEE Banquet pictures are up, see <http://ewh.ieee.org/r6/phoenix/index.php>

**All meetings announced in the Phoenix Section Megaphone or on the Phoenix Section Calendar are open to everyone (IEEE members and non-Members)**

## Chapters

### Signal Processing & Communications

Pavan Turaga  
[pturaga@asu.edu](mailto:pturaga@asu.edu)

### Computer Society

Jerry Crow  
[jerry.crow@computer.org](mailto:jerry.crow@computer.org)

### CPMT Society

Vasudeva P. Atluri  
480-227-8411  
[vpatluri@ieee.org](mailto:vpatluri@ieee.org)

### Education Chapter

Martin Reisslein, 480-965-8593  
[reisslein@asu.edu](mailto:reisslein@asu.edu)

### EMBS Chapter

TBD

### EMC Society

Harry Gaul, 480-441-5321  
[harry.gaul@ieee.org](mailto:harry.gaul@ieee.org)

### GOLD

Shafiul "Jacky" Islam 520-245-9010  
[shafiul.islam@intel.com](mailto:shafiul.islam@intel.com)

### Power & Energy Society

Kory Hedman  
[Kory.Hedman@asu.edu](mailto:Kory.Hedman@asu.edu)

### Solid State Circuits

Cyndi Recker  
[cyndi.recker@ieee.org](mailto:cyndi.recker@ieee.org)

### Teacher-In-Service

Rickie Currens  
[Rickie.Currens@att.net](mailto:Rickie.Currens@att.net)

### Waves & Devices Society

Steve Rockwell  
[steve.rockwell@ieee.org](mailto:steve.rockwell@ieee.org)

### Life Members

Les Daviet II  
[lesdavietii@cs.com](mailto:lesdavietii@cs.com)

### Women In Engineering

Shamala Chickamenahalli  
[shamala.chickamenahalli@intel.com](mailto:shamala.chickamenahalli@intel.com)

## **U – News**

**(for Student Members)**

### **Updates of Student Advisors and Committee Members**

Each Student Branch noted on the right side of this page should review current information on Advisors and Student Committee Members and forward to my attention within this week, as we are reviewing contacts for reporting and activities including Student Monthly Meetings.

S. Diane Smith  
602-749-4601  
[sdianesmith@computer.org](mailto:sdianesmith@computer.org)  
Student Activities Chair

## **Student Branches**

**ASU Main, Engineering**  
Chair: Ahmet Durgun,  
480-371-7743, [adurgun@asu.edu](mailto:adurgun@asu.edu)  
Advisor: Cihan Tepedelenlioglu,  
480-965-6623, [cihan@asu.edu](mailto:cihan@asu.edu)

**ASU Main, Computer Society**  
Chair: TBD  
Advisor: Guoliang Xue  
480-965-6218, [xue@asu.edu](mailto:xue@asu.edu)

**ASU Polytechnic**  
Chair: TBD  
Advisor: TBD

**DeVry, Phoenix**  
Chair: Lori Renaldi  
[lorirenaldi@computer.org](mailto:lorirenaldi@computer.org)

Advisor: Diane Smith  
[dsmith2@devry.edu](mailto:dsmith2@devry.edu)

**DeVry, Computer Society**  
Chair: TBD  
Advisor: Diane Smith  
[dsmith2@devry.edu](mailto:dsmith2@devry.edu)

**NAU, Engineering**  
Chair: TBD  
Advisor: Niranjan Venkatraman  
[v.niranjani@ieee.org](mailto:v.niranjani@ieee.org)

**Embry-Riddle, Prescott**  
Chair: Lisa M. Ferguson  
[FERGUSL2@my.erau.edu](mailto:FERGUSL2@my.erau.edu)  
Advisor: John E. Post  
[postj@erau.edu](mailto:postj@erau.edu)

## **U – Newsbytes**

**ASU Polytechnic is currently seeking Advisor for the Student Branch. Please email Diane (at email address above) with Recommendations.**

Start your own MicroMouse and compete for cash prizes!

The Section has a full tournament sized MicroMouse maze. Funding for your project may be available. For details contact the Section Student Activities Chair, S. Diane Smith  
[sdianesmith@computer.org](mailto:sdianesmith@computer.org)

- View pictures from the MicroMouse contest at the Southwest Area Spring 2010 meeting at <http://picasaweb.google.com/ieeegoldphx/2010IEEEESWASpringMeeting> (photography by David Huerta, GOLD Affinity Group Chair)



## **Upcoming Conferences in June in Region 6**

A total of 22 conferences in June 2013. Some have multiple conferences combined.

There are 12 in California  
6 in Washington State  
1 in Utah  
1 in Oregon  
1 in Hawaii  
1 in Nevada  
ZERO in Arizona

Arizona is attractive for Conferences October through April. The Phoenix Conference and visitors bureau is glad to assist in any way that they can.

if you know of any upcoming conferences, please submit the information to [Bradscientist@ieee.org](mailto:Bradscientist@ieee.org), IEEE Phoenix Conference Chair.

# Signal Processing & Communications Society

Phoenix Chapter of IEEE Signal Processing Society and  
Communications Society



***New Updates coming soon***



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.



IEEE COMPONENTS, PACKAGING AND  
MANUFACTURING TECHNOLOGY SOCIETY

## ***New Updates coming soon***

---

***For more information, please contact any of the following CPMT officers:***

Vasu Atluri (480) 227-8411

Vivek Gupta (480) 252-8493

David Dougherty (480) 413-6923

Devrajan Balaraman (480) 619-0944

Mahesh Shah (480) 544-9438

Surinder Tuli (480) 554-8275

## Power & Energy Society



IEEE Power and Energy Society

Phoenix Chapter

<http://ewh.ieee.org/soc/pes/phoenix/>



### News and Announcements:

- We are on vacation for the summer. There are no luncheons in June, July or August. Our next luncheon will be Thursday, September 19<sup>th</sup> at the SRP PERA Club.
- Don't miss our 56<sup>th</sup> Annual PES Golf Tournament, which will be held on Saturday November 2<sup>nd</sup> at the Rio Verde Golf Club. This is our annual fundraising event, allowing us to sponsor scholarships, student outreach programs, and of course, our \$5 luncheons and technical seminars.
- Want to know more about IEEE Power and Energy Society? Watch this video:
  - [http://www.youtube.com/watch?v=BRKM4lpo\\_tk](http://www.youtube.com/watch?v=BRKM4lpo_tk)
  - More videos are available at:  
<http://ieee-pes.org/outreach/pes-informational-promotional-videos>
- Have you considered becoming a Senior Member of IEEE? It's not as difficult as you think. Basically, you need ten years of professional experience, and your bachelor's degree counts for three of those years. Find out more at:  
[http://www.ieee.org/membership\\_services/membership/senior/index.html](http://www.ieee.org/membership_services/membership/senior/index.html)

# Solid State Circuits Society



INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS



***New Updates coming soon***

---

SSCS-PHX Chapter Website: [http://www.ieee.org/go/sscs\\_phx](http://www.ieee.org/go/sscs_phx)

Contact: Cyndi Recker (cyndi.recker@ieee.org), SSCS-PHX Chapter Chair

# EMC Society



***New Updates coming soon***





## Phoenix Section Life Member Affinity Group

### Technical Meeting October 15, 2013

**Topic:** TBD – Possible presentation will be a program for financial planning and recent impacts of any regulations.

**When:** Tuesday, October 15, 2013 11:00am – 1:00pm, Registration fee is \$15. This fee will include lunch provided by the PERA Club.

#### AFFINITY GROUP MEETING

**Where:** SRP's **PERA Club** Bighorn Room,  
1 East Continental Drive, Tempe, AZ  
West of 68th St., ½ mile south of McDowell Road

**RSVP:** Please respond to Program Chair, Ronald Sprague by email:  
[r.sprague@ieee.org](mailto:r.sprague@ieee.org) at least 5 days before the meeting.

The Program Chair is seeking suggestion from members for future presentations. Any ideas of interest to LM are open for consideration. Please contact Ronald Sprague Program Chair at [r.sprague@ieee.org](mailto:r.sprague@ieee.org) or any officer with ideas.

**NEWS:** The Chair will be held by Leslie Daviet as a result of Rao Thallam resignation because of a move out of state. We thank Rao for his years of service to the LMAG.

#### About IEEE Phoenix Section Life Member Affinity Group:

The IEEE Phoenix Section Life Member Affinity Group was organized to enable IEEE Life Members to retain active IEEE associations, contribute to the social good in their communities, advance IEEE's professional interests and enjoy each other's company. For more details use the link

[http://www.ieee.org/web/volunteers/mga/home/life\\_members\\_committee/index.html](http://www.ieee.org/web/volunteers/mga/home/life_members_committee/index.html)

**Activities:** Annual technical meetings scheduled in February, May, October, and December. Elections are held at the December meeting.

#### Future Technical Meetings:

- Tuesday, October 15, 2013 SRP PERA CLUB
- Tuesday, December 3, 2013 SRP PERA CLUB

#### Officers:

Chair	Leslie Daviet II	<a href="mailto:lesdaviatii@cs.com">lesdaviatii@cs.com</a>
Vice Chair	Michel Ebertin	<a href="mailto:Michel@ebertin.net">Michel@ebertin.net</a>
Secretary	Tom Lundquist	<a href="mailto:Tom.Lundquist@ieee.org">Tom.Lundquist@ieee.org</a>
Treasurer	Leslie Daviet II	<a href="mailto:lesdaviatii@cs.com">lesdaviatii@cs.com</a>
Program	Ronald L. Sprague.	<a href="mailto:r.sprague@ieee.org">r.sprague@ieee.org</a>
Past Chair	A. Barry Cummings	<a href="mailto:abarrycumming@gmail.com">abarrycumming@gmail.com</a>



IEEE Phoenix Section  
Women in Engineering  
Affinity Group



The IEEE Phoenix Section **Women in Engineering (WIE) Affinity Group (AG)** volunteered for a break out session at the Girls in STEM event on May 18<sup>th</sup> at the Arizona Science Center along with volunteers from the IEEE ASU Student Chapter and WIE ASU Student Chapter. Our table was headed by Jennifer Taggart and visited by the Girl Scouts. In the breakout session, Shamala presented briefly on the engineering process and followed the presentation with a project. Lesley Polka provided the base design concept for the project, which utilized inexpensive, mostly bio-degradable materials to build a tower 18 feet tall while holding one or more of the rubber balls provided. Ahmet Durgun and Susan Shipley joined and mentored the projects. Four unique designs emerged from amongst the four teams consisting of girl scouts from valley schools from second through fifth grade as well as eighth grade. It also involved several parents who volunteered on the spot. The experience was rewarding for all.

If you would be interested in helping to organize any of our activities or have suggestions for other activities or speakers for future events, please feel free to contact any of our Executive Committee members:

- Chair: Shamala Chickamenahalli ([Shamala.Chickamenahalli@intel.com](mailto:Shamala.Chickamenahalli@intel.com))
- Vice-Chair: Joy Harris ([joyelle.j.harris@intel.com](mailto:joyelle.j.harris@intel.com))
- Secretary / Publicity: Diane Watkins ([diane.watkins@srpnet.com](mailto:diane.watkins@srpnet.com))
- Treasurer: Diane Smith ([diane@web-oasis.com](mailto:diane@web-oasis.com))
- Web Master: Audrey Skidmore ([ASkidmore@azmag.gov](mailto:ASkidmore@azmag.gov))
- Membership: Lesley Polka ([lesley.a.polka@intel.com](mailto:lesley.a.polka@intel.com))
- Region 6 Liaison: Barbara McMinn ([barbara.mcminn@aps.com](mailto:barbara.mcminn@aps.com))

If you would like to be added to our distribution list for further information about this and future events, please contact Diane Watkins ([diane.watkins@srpnet.com](mailto:diane.watkins@srpnet.com)).

The IEEE WIE Affinity Group's mission is to inspire, engage, encourage and empower IEEE women worldwide with a vision of creating a community of IEEE women and men innovating the world of tomorrow. More information about IEEE WIE can be found at:

[http://www.ieee.org/membership\\_services/membership/women/women\\_about.html](http://www.ieee.org/membership_services/membership/women/women_about.html).



# Computer Society



## Phoenix Chapter of the IEEE Computer Society

June, 2013

### News

- Planning continues for the chapter meetings for the remainder of the year.
- Our May meeting, at Devry University, featured Jim Irvine, a senior engineer from Intel, who presented details of the new Xeon Phi® 48-core processor.
- Our July meeting, at ITT-Tech, will feature Kelli Waxman, PI, CEO of National Security Consulting and Investigations, PLLC. See below for details. This meeting will be held on the second Wednesday, July 10<sup>th</sup>, because of the 4<sup>th</sup> of July holiday. Note that this date, July 10<sup>th</sup>, is subject to last minute adjustment to accommodate the ITT class schedules. We will update our website and send a notice to our member list if the date changes.

### Future Events

- July 10<sup>th</sup> – Chapter meeting, ITT Technical Institute, speaker Kelli Waxman, PI, National Security Consulting & Investigations, PLLC, "**Attack Attribution, Forensics & Cyber War —Security Threats**"

Kelli Waxman is Adjunct Faculty for Texas A&M TEEX Engineering and develops curricula on forensics. She is the President of National Security Consulting & Investigations PLLC where she is a licensed private investigator. Her specialties include national security issues, high tech crimes, and geopolitical activism as it relates to cyber warfare. She regularly sleuths the Internet in a number of languages analyzing the cyber actors, the threat environment, and the security issues involved with the rise of activism/hacktivism. Ms. Waxman has a BA in Sociology, an MBA in Business Administration, and three years of post graduate work in psychiatry, psychology, medicine, terrorism, counter-terrorism, and Homeland Security.

Ms. Waxman is a graduate of the FBI Citizens' Academy and a member of Arizona Infragard, the High Technology Crime Investigation Association (HTCIA), the National Association of Investigative Specialists (NAIS), National Investigative Security Professionals (NISPP), and the United States Association of Private Investigators (USAPI).

This live technology presentation will present a cyber attack taxonomy in a real world threat environment teaching presentation. An overview of how forensics can be utilized (or not) in a threat matrix is presented to increase interest in forensics questions such as who, what, when, where, why and how the current increasing cyber threats are being carried out. The 'classroom', geared to any level of cyber knowledge, will include a lively and fun real-time descent into the world of the cyber actors in order to further understanding about

threats being utilized, types of actors involved, security breaches utilized and what it means for you and your computer security.

- September 4<sup>th</sup> – Chapter meeting, DeVry University, speaker TBD.
- November 6<sup>th</sup> – Chapter meeting, ITT Technical Institute, speakers Lori Renaldi and Jerry Crow, “PEN Testing Tools and Techniques”.

Meetings start at 6:00 pm with networking and light refreshments followed by the presentation at 7:00 pm. DeVry University is located at 2149 W Dunlap Avenue, Phoenix, (a mile east of I-17 on Dunlap). ITT-Tech is located at 5005 S Wendler Drive, Tempe (NW corner of I-10 and Baseline Rd).

Visit the CS Chapter website for the latest information: <http://ewh.ieee.org/r6/phoenix/compsociety/>.  
For brief announcements regarding upcoming events we are also on Twitter: @IEEECS\_PHX

If you would like to suggest a topic or speaker for any of our future meetings, please contact one of the chapter officers:

Chair:	Jerry Crow ( <a href="mailto:jerry.crow@computer.org">jerry.crow@computer.org</a> )
Vice-chair:	Brad Morantz ( <a href="mailto:bradscientist@ieee.org">bradscientist@ieee.org</a> )
Secretary/Webmaster:	Audrey Skidmore ( <a href="mailto:askidmore@computer.org">askidmore@computer.org</a> )
Treasurer:	Diane Smith ( <a href="mailto:sdianesmith@computer.org">sdianesmith@computer.org</a> )

INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS  
**WAVES AND DEVICES** - Phoenix Chapter



***New Updates coming soon***



# IEEE GOLD

## Phoenix Section Affinity Group



### News

**March:** Shafiul “Jacky” Islam gave a presentation titled “IEEE Engagement Opportunities” at IEEE-Eta Kappa Nu Student Leadership Conference (March 15-17) hosted by Arizona State University Epsilon Beta Chapter. This presentation explained the mutual benefits (more success) of IEEE and IEEE-HKN collaborative leadership in light of Jacky’s tenure as the President of IEEE-HKN Iota Xi Chapter (2009-2012). In addition, the presentation introduced the IEEE engagement opportunities available to students upon graduation primarily through affinity groups like GOLD and WIE.

For more information please visit:

- Conference Agenda: <http://www.hkn.org/pdfs/pdfs/SLCSchedule.pdf>
- Speaker Bios: <http://www.hkn.org/pdfs/pdfs/SLCSpeakerbios.pdf>

**April:** IEEE GOLD participated in judging IEEE Student Paper Contest held at Arizona State University. The winners of the contest are given below:

1<sup>st</sup> prize: Nathan Gaw, Arizona State University

2<sup>nd</sup> prize (two winners):

George Chen, Arizona State University;

Lisa Ferguson, Embry-Riddle Aeronautical University – Prescott Campus

The list of judges are given below:

1. Chuck Weitzel, IEEE Phoenix Section Chair
2. Michael Goryll, IEEE WAD Phoenix Section, EDS Representative
3. Shafiul “Jacky” Islam, IEEE GOLD Phoenix Section Chair
4. S. Diane Smith, IEEE Phoenix Section Student Activities Coordinator
5. Ahmet Durgun, IEEE ASU Student Chapter Chair

**May:** IEEE GOLD volunteered in recruiting volunteers and judges for Intel International Science and Engineering Fair (ISEF). Shafiul “Jacky” Islam sent out an invitation letter / announcement through the following channels:

- Professional Community (primarily)
  - Keith Moore, Chair, IEEE R6 SWA
  - Mahesh Shah, Publicity, Phoenix Section
    - Using eNotice to IEEE Phoenix Section Members
    - To American Society of Mechanical Engineers, Phoenix Area
  - Announcement (by Jacky) on Valley Megaphone (Phoenix Section monthly newsletter) May issue
  - Presentation on Intel ISEF (by Jacky) at Southwest Area Meeting in San Diego, California
- Academic Community
  - Dr. James Baygents, Associate Dean, College of Engineering, The University of Arizona
  - Ahmet Durgun, Chair, IEEE Student Chapter, Arizona State University
  - Idan Ishtayer, President, IEEE-Eta Kappa Nu Chapter, Arizona State University

Two of the IEEE Student Paper contest winners at the Phoenix Section level who made it at the Southwest Area level, won the following prizes:

1<sup>st</sup> prize: Lisa Ferguson, Embry-Riddle Aeronautical University – Prescott Campus

2<sup>nd</sup> prize: Nathan Gaw, Arizona State University

 **2013 IEEE Phoenix Section Calendar**

View or down load the pictures from IEEE Phoenix Section Annual Banquet 2013 at: <http://ewh.ieee.org/r6/phoenix/index.php>



**Executive Committee Meeting  
Phoenix Section**

Tuesday, May 7, 2013, 5:45 – 8:00 PM  
The Airport Hilton Phoenix,  
2435 S 47th St. Phoenix, AZ 85034, (480) 894-1600.

**Executive Committee Meetings**

**Date:** First Tuesday of every month, except July and August

**Time:** 6:00 – 8:00 p.m.

**Location:** Hilton Phoenix Airport, 2435 South 47th Street, Phoenix, AZ 85034

---

**Phoenix Section LinkedIn Group**

If you are interested in professional networking and shared Section related updates & discussions join the [IEEE Phoenix Section Group on LinkedIn](#). Signing up only takes minutes and is free. A job board is available as well.

---

## IEEE Membership Grade Advancement

IEEE Phoenix Section Executive Committee encourages all to apply for advancement in membership grade to Senior Member and Fellow Grade. Please review the requirements at [www.ieee.org](http://www.ieee.org). Please contact IEEE Phoenix Section Membership Development Chair, Dr. Vasudeva P. Atluri, at [vpatluri@ieee.org](mailto:vpatluri@ieee.org) for additional information.

---

### Enhanced Senior Member Application Launched

Effective 29 July 2011, IEEE Admission and Advancement launched a [new Senior Member Application](#). The new application includes numerous enhancements, based on feedback from volunteers and members, including:

- New user friendly format / design
- Secure environment (need IEEE Web account)
- Ability to save application in “draft” form
- Ability to upload resume or Curriculum Vitae (up to 3 MB)
- Applicant can view application online
- Applicant can view status of requested reference forms
- References will be notified by email to provide applicant reference
- References will have the ability to view their completed reference form(s)
- Real time application status

The goal is to provide prospective Senior Members with an easy to use and intuitive interface, while streamlining internal operations at the same time. [View the new Senior Member application](#).

---

## IEEE USA E Book on Transition

### IEEE-USA E-Book E-Books to Members in September and October Feature Career Survival and Writing for Success:

IEEE-USA is offering two free e-books to IEEE members the next two months as a special benefit of IEEE membership. In September members can receive “The Best of IEEE-USA Today’s Engineer on Career Survival.” In October, the free featured publication will be “Writing for Success -- An Engineer’s Guide, Volume 1: Designing for Success.” “The Best of Today’s Engineer on Career Survival” is a compilation of career-focused articles from “IEEE-USA Today’s Engineer” that can help you find success in a challenging job market. We all need the ability to survive in a changing world, and engineers need a better awareness about the evolving business ecosystem and what those changes mean. The articles in this e-book will help to increase your situational awareness of the marketplace, which in turn, can help you with career planning and developing sustainable job skills. You’ll also learn how to assess the market and yourself, how to stay competitive, and what steps to take to thrive in the job market. “The Best of Today’s Engineer on Career Survival” can be downloaded at <http://www.ieeeusa.org/communications/ebooks/files/wisao2sf/Best-of-TE-On-Career-Survival-V1.pdf> for free to IEEE members. The nonmember price is \$5.99. The purpose of “Writing for Success -- An Engineer’s Guide, Volume 1: Designing for Success” is to inspire and help engineers to approach their writing tasks with the same confidence and skill they take to the technical problems that confront them -- so that emails, reports, test-plans, and other documents they write are as useful, successful and valued as their engineering efforts. “Writing for Success – An Engineer’s Guide, Volume 1: Designing for Success” will be available for members to download in October.