

# The Valley Megaphone

Newsletter of the  
Institute of Electrical and  
Electronics Engineers, Inc.,  
Phoenix Section  
June 2014,  
Volume XXVIII, Number 6



## Executive Committee 2014

### Chair

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[barbara.mcminn@aps.com](mailto:barbara.mcminn@aps.com)

### Vice Chair

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

### Secretary

Surinder Tuli, 480-287-1437  
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### Treasurer

Vivek Gupta, 480-734-0266  
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### Past Chair

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### Student Activities

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### Conferences

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### Awards

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[vpatluri@ieee.org](mailto:vpatluri@ieee.org)

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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)

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

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

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

**IEEE Phoenix Section 2014 Annual Banquet pictures are available to view and download at <http://sites.ieee.org/phoenix/2014/03/03/pictures-from-the-2014-annual-banquet/>**

## 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

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

### Education Chapter

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

### EMBS Chapter

TBD

### EMC Society

Brett Gassaway, 480-926-3100  
[brettg@compliancetesting.com](mailto:brettg@compliancetesting.com)

### Power & Energy Society

Craig Smith  
[craig.smith@aps.com](mailto:craig.smith@aps.com)

### Solid State Circuits

Mirembe Musisi-Nkambwe  
[Mirembe@ieee.org](mailto:Mirembe@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)

### Young Professionals

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

### 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)

## Student Branches

### ASU Main, Engineering

Chair: Jennifer Taggart  
928-581-5198,  
[jennifer.taggart@asu.edu](mailto:jennifer.taggart@asu.edu)  
Advisor: Cihan Tepedelenioglu,  
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.niranjan@ieee.org](mailto:v.niranjan@ieee.org)

### Embry-Riddle, Prescott

Chair: Lisa M. Ferguson  
[FERGUSL2@my.erau.edu](mailto:FERGUSL2@my.erau.edu)  
Advisor: John E. Post  
[posti@erau.edu](mailto:posti@erau.edu)

## U – Newsbytes

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

This month we had a meeting and a presentation about the High altitude balloon experiments done by ASU and ERAU was shown at the monthly meeting. DR Cone and ten other persons attended the banquet in Phoenix. There was a lunch and learn held at the Hazy library (ERAU campus library) about the type of articles and media available for research from the IEEE in our library and how to access it. The group also sponsored a representative from labview to come and demonstrate their product for a large group of people.

Our group did sponsor an "egg drop" contest for campus engineering week. The Idea was to get students involved to design a device in which an egg can survive a drop from a 3 story building. The criteria for the contest was based on the weight, number of pieces of the device, and if the device hit the target. I do have pictures from the event if you would like to see them.

Thank you  
Brenda Moerchen  
Secretary, ERAU Chapter, Prescott



## Upcoming Conferences in June in Region 6

There are 28 Conferences in Region 6 in June 2014, most in California, 5 in Hawaii, a few in other western states, but none in Arizona.

The IPDPS conference That was held this past May at the Arizona Grand Resort was a success and well attended.

The Phoenix IEEE is working at putting on a one-day workshop this November here in Phoenix. It is oriented at learning and networking. It will priced so that all can attend, including offering special student admission. The goal is to have no one denied for financial reasons.

We are looking for volunteer speakers from every society. We hope to start the morning with a keynote speaker and then break into sessions all day with a break for lunch and snacks. With enough speakers, we should be able to offer two or three different topics at each time slot. This would allow each participant to attend the keynote and then 5 or 6 sessions. It would also provide an opportunity to network and meet fellow engineers.

If you have any suggestions for speakers, or if your group is looking to have a conference in Arizona, please contact our new direct email [Phoenix.Conferences@ieee.org](mailto:Phoenix.Conferences@ieee.org)



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

IEEE COMPONENTS, PACKAGING AND  
MANUFACTURING TECHNOLOGY SOCIETY

## IEEE Components, Packaging and Manufacturing Technology Society Phoenix Chapter

### 2014 Executive Committee for CPMT Chapter for IEEE-Phoenix Section

Position	Name	Phone Contact	Email Contact
Chair	Dr. Mahesh K. Shah	(480) 544-9438	<a href="mailto:mkshah@ieee.org">mkshah@ieee.org</a>
Asst. Chair	Mr. Vivek Gupta	(480) 734-2366	<a href="mailto:vmgupta@msn.com">vmgupta@msn.com</a>
Secretary	Dr. Devarajan Balaraman	(480) 619-0944	<a href="mailto:iangoinbiking@gmail.com">iangoinbiking@gmail.com</a>
Treasurer	Mr. Surinder L. Tuli	(480) 287-1437	<a href="mailto:surinder.tuli@gmail.com">surinder.tuli@gmail.com</a>
Program Chair	Mr. David Dougherty	(480) 245-8099	<a href="mailto:david.dougherty@freescale.com">david.dougherty@freescale.com</a>
Asst. Program Chair	Dr. Nageswara R. Janapala	(650) 213-6733	<a href="mailto:nageswara.r.janapala@intel.com">nageswara.r.janapala@intel.com</a>
Tutorial Chair	Dr. Ashish Gupta	(480) 554-2409	<a href="mailto:ashish.x.gupta@intel.com">ashish.x.gupta@intel.com</a>
Asst. Tutorial Chair	Adel Elsherbini	(734) 686-2278	<a href="mailto:a.elsherbini@gmail.com">a.elsherbini@gmail.com</a>
Workshop Chair & Publicity	Dr. Vasudeva P. Atluri	(480) 227-8411	<a href="mailto:vpatluri@ieee.org">vpatluri@ieee.org</a>
Website Co-Chair	Huiyang Fei		<a href="mailto:Huiyang.H.Fei@ieee.org">Huiyang.H.Fei@ieee.org</a>
Website Co-Chair	Bharat Penmecha	(480) 552 2511	<a href="mailto:bharat.penmecha@ieee.org">bharat.penmecha@ieee.org</a>

### Tentative Schedule for Monthly Seminars

We are working to arrange monthly Seminars on topics of interest to our members. If you have suggestion for topics and/or speakers please contact any of the executive committee members listed above.

**July 16 – Dr. Dev Gupta - Improved PoP Package w/o TSVs can compete with 2.5/3D Packages using TSVs**

**August – Dr. Darrel Frear – Packaging Needs for Automotive Radar**

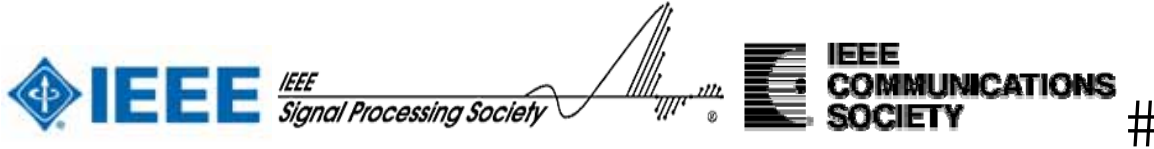
**September – Dr. Jon Harris – Packaging for LED Lighting**

**October – Dr. Stuart Bowden – Solar Cells**

**November – Dr. Jaynal Molla – Plating for Electronic Packaging**

### Additional Activities –Tutorial and Workshop

Phoenix section is planning to hold a Half Day tutorial on the topic of **Reliability Engineering** in early Fall. In addition we are working with other Society Chapters to hold a workshop on **Emerging Device and Packaging Technology** in late November or Early December. Please wait for announcements in near future



## SP-COM Phoenix Chapter

### **Please join our Google Group!**

**We have recently started a google group to be able to send you more timely announcements via email for upcoming events and talks. Please sign up for timely email announcements at the below link**

**<https://groups.google.com/d/forum/ieee-sp-com-phoenix-chapter>**

**We are limiting member permissions only to receiving emails posted by the group owner - the SP-COM chapter chair.**

Technical Co-Sponsorship by the IEEE Signal Processing and Communications Chapter, Phoenix Section

We continue to post meeting notices on IEEE vtools at (<https://meetings.vtools.ieee.org/main>)



## Phoenix Chapter of the IEEE Computer Society

June, 2014

### News

- Chapter meeting dates for the remainder of 2014 are listed below. Mark your calendars to save the dates:
  - July 2<sup>nd</sup> at DeVry University
  - Sep 3<sup>rd</sup> at DeVry University
  - Nov 19<sup>th</sup> (**note date change**) at DeVry UniversityDetails of the program for these chapter meetings will be published as the speakers are confirmed.
- On May 7th, Steve Smiley, Intel Corporation, presented "Solid State Drives (SSDs) – What's Inside", a comprehensive look at the hardware details of SSD devices. Intel is a major player in the design and creation of the silicon components of SSDs.

### Future Events

- On July 2<sup>nd</sup> we expect to have a presentation on Software Integrity Assurance.
- On September 3<sup>rd</sup> we expect to have a speaker from ASU giving a presentation on attack vectors for authentication by picture image.
- On November 19th Hal Berghel, our presenter in March, will return to provide us a presentation on "The Modern Surveillance State".

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).

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> )



**IEEE Power and Energy Society**  
**Phoenix Chapter**  
<http://www.ewh.ieee.org/soc/pes/phoenix/>



**News and Announcements:**

- 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)



# **57<sup>th</sup> ANNUAL IEEE-PES FUNDRAISING GOLF TOURNAMENT**



**NOVEMBER 15, 2014**

Be sure to join us at Rio Verde Golf Club, located at 18731 E 4 Peaks Blvd, Rio Verde, AZ 85263, for a 12:45 PM Shotgun Start. The course is located 10 Minutes north of Fountain Hills. (480) 471-9420 <http://www.rioverdecc.com/Map>

This is the annual fundraiser for your IEEE-PES Chapter. The fee is \$100 per player or \$400 to sponsor a foursome. Be sure to come early and stay late as there will be free range balls beforehand and dinner afterwards. Cash prizes awarded for first place, second place, and third to last place teams. There will also be a Raffle, Skills Games, and Giveaways Galore.



Use this sheet to sign up either individually or for your team. You can either:

- Print out and complete, then mail the form with your payment
- Return this form electronically ([distribution@gorman-co.com](mailto:distribution@gorman-co.com)) and then send your payment.
- Send payments to: **IEEE-PES**  
**c/o Gorman Company**  
**4819 35<sup>th</sup> Street**  
**Phoenix AZ 85040**

You will be notified via email that your payment has been received and you are registered to participate. If you have any questions, please feel free to call us at (602) 470-0400.

Please provide all requested information, including email addresses for all team members.

TEAM/SPONSOR \_\_\_\_\_

Player \_\_\_\_\_ Dinner? \_\_\_\_\_

Email \_\_\_\_\_

Player \_\_\_\_\_ Dinner? \_\_\_\_\_

Email \_\_\_\_\_

Player \_\_\_\_\_ Dinner? \_\_\_\_\_

Email \_\_\_\_\_

Player \_\_\_\_\_ Dinner? \_\_\_\_\_

Email \_\_\_\_\_

Additional Dinner Guests: \_\_\_\_\_

To minimize waste and extra costs, we would like your help getting an accurate dinner count.



**Technical & Administrative  
Meeting October 14, 2014**

**Program Presentation: TBD**

**Meeting Agenda:**

**TBD**

**Where:** SRP's **PERA Club** Bighorn Room,  
1 East Continental Drive, Tempe, AZ  
Continental is West of 68th St., ½ mile south of McDowell Road  
Enter the Private PERA Club and follow drive to large parking lot. Big Horn Room is the most South east building off parking.

**When:** Tuesday, October 14, 2014, 11:00am – 1:00pm, Registration fee is \$15. This fee will include lunch provided by the PERA Club. Lunch will be: to be voted on

**RSVP:**

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.

**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.

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

**Future Technical Meetings:** All meeting are scheduled at the SRP PERA CLUB. It is suggested you put these dates on your calendar to attend our meetings.

- Tuesday, October 14, 2013
- Tuesday, December 9, 2014

**Officers:**

Chair	Leslie Daviet II	<a href="mailto:lesdavietii@cs.com">lesdavietii@cs.com</a>
Vice Chair	Position is Vacant	
Secretary	Tom Lundquist	<a href="mailto:Tom.Lundquist@ieee.org">Tom.Lundquist@ieee.org</a>
Treasurer	Leslie Daviet II	<a href="mailto:lesdavietii@cs.com">lesdavietii@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:abarrycummings@gmail.com">abarrycummings@gmail.com</a>



### IEEE Young Professionals (formerly GOLD) Phoenix Section Executive Board

- Chairman: Shafiul "Jacky" Islam (shafiul.islam@intel.com)
- Vice Chair: Jennifer Taggart (jennifer.taggart@asu.edu)
- Treasurer: Ashley Meredith (ashley.meredith@aps.com)
- Secretary/Webmaster: Joseph Caglio (joseph.m.caglio@intel.com)

### March 29, 2014, Region 6 Southwest Area Meeting and Officers Meeting

Shafiul "Jacky" Islam did a presentation to provide an overview of:

- Major changes over transition from IEEE GOLD to IEEE Young Professionals;
- IEEE Young Professionals Phoenix Section Officers;
  - Succession Plan effective 2015: Jennifer is going to be Jacky's successor;
- IEEE Young Professionals Phoenix Section key events in 2013 and 2014 (as of now);
- IEEE ASU Student Branch Spring Lecture Series;
- Jacky's perspectives/idea on:
  - Challenges in IEEE engagement right out of school;
  - Why to be part of IEEE: Networking, Empowerment, and Professional Development opportunities;
  - Applying IEEE leadership experiences towards MBA / Executive MBA (in future).
- Ashley's idea on paper clip helicopters, which was super hit with kids on Engineer's Day when we represented Phoenix Section.
- Tentative Event Plans for 2014;

During breaks and commute, we also held officer's meeting to discuss succession plan effective 2015 and event plans for Fall 2014.

### May 28, 2014, IEEE Young Professionals Phoenix Art Museum Trip

As our social event for May, we explored Phoenix Art Museum as a group.



### June 20, 2014, IEEE Phoenix Young Professionals Movie Night

Please join us for a night at the movies! At this social event we will be seeing "Edge of Tomorrow" at Harkins Theater Arizona Mills, June 20th at 7:40pm. Please get there a few minutes early to mingle with fellow young professional and grab some good seats! Tickets are \$9.50 and attendees are responsible for paying for their own ticket.

Address: 5000 Arizona Mills Cir. Tempe, AZ 85282 (I-10 & Superstition Freeway @ AZ Mills Mall)

For any questions please contact Ashley Meredith: [Ashley.meredith@aps.com](mailto:Ashley.meredith@aps.com) 602-250-4654



## 2014 IEEE Phoenix Section News

View or down load the pictures from IEEE Phoenix Section Annual Banquet 2013 at: <http://sites.ieee.org/phoenix/category/annual-banquet/>

### Executive Committee Meeting

No meeting of Executive Committee in July & August

Normal meetings are on first Tuesday of the month from 6:00 PM to 8:00 PM  
The Airport Hilton Phoenix,  
2435 S 47th St. Phoenix, AZ 85034, (480) 894-1600.

### 2014 Executive Committee

Chair: Barbara McMinn  
Vice Chair: Bruce Ladewig  
Secretary: Surinder Tuli  
Treasurer: Vivek Gupta  
Past Chair: Charles Weitzel

### 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

**IEEE Phoenix Section Annual Banquet 2014 Photos are Posted at:**

<http://sites.ieee.org/phoenix/2014/03/03/pictures-from-the-2014-annual-banquet/>

### **IEEE Phoenix Section – Forming Reliability Chapter** **Reliability Chapter Forming**

The IEEE Reliability Society (IEEE RS) plans to collaborate with the IEEE Phoenix Section, as well as, the IEEE Sections in Tucson and Sierra Vista/Ft Huachuca in forming this new state-wide IEEE Reliability Chapter. The Reliability Chapter will focus on 3 meetings in the first 6 months after being created. The topics that may be discussed will include new IEEE Reliability Standards (e.g., IEEE 1633), new software reliability techniques and reliability growth techniques. The IEEE RS plans to rotate Chapter meetings between the 3 state locations. If you are a member of the IEEE, but not an IEEE-RS member, you could join the society for \$35 and be a charter member to help in the formation of this new Chapter. If you are

an IEEE RS member or interested in Reliability Society, please contact Lou Gullo at [Louis.Gullo@ieee.org](mailto:Louis.Gullo@ieee.org).

## **IEEE Senior Member and Fellow Grade**


IEEE Phoenix Section Membership Development would like to nominate eligible IEEE Members from the Section to Senior Member and Fellow Grades. Please review the requirements at [www.ieee.org](http://www.ieee.org) for eligibility.

Eligible candidates are requested to send in their resumes to Dr. Vasudeva P. Atluri, Membership Development Coordinator, at [vpatluri@ieee.org](mailto:vpatluri@ieee.org) and Dr. Charles E. Weitzel, Section Chair, at [c.weitzel@ieee.org](mailto:c.weitzel@ieee.org) for consideration.

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## **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.


You can also go to IEEE Phoenix Section LinkedIn page by clicking  button on the [IEEE Phoenix Section home page](#)

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## **IEEE Phoenix Section Ventures into Social Media**

You can access the web page three ways:

Use the URL: <https://www.facebook.com/IEEEPhoenixSection>

Click on the Facebook logo  link from [IEEE Phoenix section home page](#).

Search for IEEE Phoenix Section from your Facebook page.

We need following help.

1. Each of you access the IEEE Phoenix Section Web page and click on "Like" hyperlink.
2. Go on the Friends section of the page and "Invite Your Friends." Once you click on Invite button, it will get your email contact list. Your facebook contact list will already be populated with your Facebook friends and you can simply click the Invite button next to their name. Please invite as many friends as you can.
3. Provide me the contents for posting on a regular basis - meeting/ event announcements, Event pictures, Videos.
4. Start some discussion topics under - Status section.

## 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.

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### 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](#).

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## IEEE Member's Benefits

Free E-Books to IEEE Members in June & July Feature Achieving Greater Satisfaction at Work; Leading & Managing

### June Free E-Book

In June, IEEE-USA will offer “Career Planning Guide: How to Achieve Greater Satisfaction and Impact at Work.”

This e-book challenges readers to analyze themselves and their current job by completing a self-assessment, writing down their likes and dislikes and listing what their ideal job would be. The reader is then asked to think about their talents and accomplishments and prepare vision statements.

After reading this, you will have a ready reference of knowledge to help you achieve greater satisfaction and impact on the job.

This e-book will be available free to members starting 1 June.

The “Career Planning Guide” will be available free to members starting 1 June by going to <http://www.ieeeusa.org/communications/ebooks/files/jun14/s9aipq/CPC-How-to-Achieve-Greater-Satisfaction-and-Impact-at-Work.pdf>. The cost is \$5.99 for non-members.

To purchase IEEE member-only products, and to receive the member discount on eligible products, you must log in with your IEEE Web account.

### **July Free E-Book**

In July, IEEE-USA will offer “Leading and Managing Engineering & Technology – Book 1: Perspectives on Leading and Managing.”

Author Gerard H. “Gus” Gaynor writes that the competencies needed to lead and manage continue to be misunderstood. As a society, he says, we focus on leadership demonstrated by politicians, industry executives and individual effort related to some major accomplishment.

“Perspectives on Leading and Managing” takes a step beyond the usual focus on leadership to explore the following questions: Are leading and managing different, the same or complementary? Is it possible to lead without managing? Is it possible to manage without leading? Does the technical professional have a greater role in leading and managing?

This e-book will be available to members beginning 1 July.

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