Executive Committee

Past Chair
Shamala Chickamenahalli, 480-554-6774
shamala@ieee.org

Chair
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thallam@ieee.org

Vice Chair
Rao Bonda, 480-413-6121
r.bonda@ieee.org

Secretary
Dongming He, 480-552-0947
donming@ieee.org

Treasurer
Keith Holbert, 480-965-8594
holbert@asu.edu

Publicity
Eric Palmer, 480-554-8710
cpalmer@ieee.org

PACE
Mike Andrews, 480-991-1619
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Membership
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r.kinner@ieee.org

Student Activities
Jim Drye, 480-413-5685
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Conferences
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braunisch@asu.edu

Awards
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vpatluri@ieee.org

Inter-Society
Mike Andrews, 480-991-1619
m.andrews@ieee.org

Web Master
Chandan K. Das, 480-554-1300
cdas@asu.edu

This Issue of The Valley Megaphone Features:

Contacts:
• Executive Committee (page 1)
• Chapters and Branches (page 1)
• Student Branches (page 2)

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• Phoenix Section Executive Committee Meeting (page 2)
• Computer Society Elections (page 2)
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• AMFA Workshop (page 4)
• ECTC – RF program (page 5)
• Phoenix Section Annual Banquet (pages 6 - 7)
• Mentoring Connection (page 8)
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IEEE Phoenix Section Executive Committee minutes can be found at: http://www.ieee.org/phoenix

Please send announcements for Valley Megaphone to Eric Palmer: cpalmer@ieee.org.
Phoenix Section Executive Committee Meeting – First Tuesday of the month.

Time: 6:00 pm to 8:30 pm

Place: Phoenix Airport Hilton, 2435 South 47th Street
Phoenix, AZ, 85034
Phone: 480-804-6017

Directions: From 143, exit University Ave, go west, turn right on 47th street.

More Info: Meetings held first Tuesday of month. No meetings in July and August. All interested IEEE members are welcome to attend.

Contact: Rao Thallam, Phoenix Section Chairman, ph: (602) 236-5481 or e-mail: thallam@ieee.org

The IEEE Computer Society is now accepting nominations for new officers. Elections will be held at the December meeting: 7:00 PM Wednesday December 6, at DeVry University, 2149 West Dunlap Ave., Phoenix, AZ. You must be a current paid member of both the IEEE and the Computer Society to hold office. You can nominate yourself by speaking to Bob Bianca at either the November 1st or December 6th meeting, during the networking hour, 6:00-7:00 PM. The Computer Society will be electing: Chair, Vice Chair, Program Chair, Treasurer, Secretary, and Webmaster. All members are encouraged to run for office.
Message from the Chair
December 2006

By Rao Thallam

My tenure as Chairman of the IEEE Phoenix Section is nearing completion. Technically, the Executive Committee holds the office for one calendar year, starting in January. But in practical terms, change of officers takes place after the annual banquet which is scheduled for February 10, 2007. The two months leading up to the annual banquet is busy period for the executive committee and also for the chapters. The January issue of the section’s Megaphone newsletter with details of the annual banquet and the chairman’s annual report along with regular features will be sent to all members in hard copy by US mail. The selection of chapter awards, Engineer and Young Engineer of the Year awards, Company of the year awards, IEEE scholarships awards and the planning of the banquet itself fully occupy the Executive Committee’s time.

As brief summary of the activities and goals achieved, two new chapters, Engineering Education Society chapter and the EMBS Society chapter have started this year and are off to a good start. They have elected officers and held meetings. There are now ten active chapters and two affinity groups in the Phoenix Section. They hold an average of about ten meetings a month serving members of the Phoenix Section. The section also supported several IEEE Conferences held in Phoenix area. The CPMT and Waves and Devices Chapters held another successful joint workshop “Convergence in Communications and Computing” this year. The section is pursuing to develop pre-college activities and in this effort is collaborating with SRP’s Sc4Kids employee interest group. The section is building a micro maze, which should be available for competitions in the spring next year.

In November, I visited Power Engineering Society Chapters in Bangkok, Bandung in Indonesia and Singapore under the IEEE Distinguished Lecturer Program. The Distinguished Lecturer Program is a service to chapters that helps chapters offer lectures, workshops or seminars on current topics from a selected list of experts. In Bangkok, the lecture was part of the Conference and Exposition on “Power Engineering for Sustainable Development”. In Singapore, the one day workshop was eligible for earning CEUs approved by the Professional Accreditation Board.

The section and chapters are seeking your active participation in various capacities. At this time of the year, there will be change of the officers, chair, vice chair, secretary and treasurer. If you are interested in participating, please contact any of the current officers listed in the front page of this newsletter, or send e-mail to me (thallam@ieee.org)
2nd ANNUAL ADVANCED MATERIALS FAILURE ANALYSIS (AMFA) WORKSHOP

TO BE HELD FRIDAY, APRIL 20, 2007
(Following the International Reliability Symposium, SUNDAY-THURSDAY, APRIL 15-19, 2007)

HYATT REGENCY HOTEL
PHOENIX, ARIZONA

AMFA MISSION:
To serve the interests of failure analysis & materials characterization professionals by providing a forum for the presentation and active discussion of timely and pertinent technological issues and trends and to promote the development of new capabilities that fill critical gaps in emerging technologies.

Unlike traditional conferences that often restrict audience participation, AMFA Workshops provide only top quality invited speakers on leading edge topics, in a format where audience participation is expected and strongly encouraged. Preliminary program details will be available in September, 2006.

Mark your calendars now for this exciting event!

http://www.amfaworkshop.org
The CPMT RF & Wireless Technical Committee and the ECTC Components & RF Program Committee encourage you to submit an abstract to ECTC 2007 in the area of passive components & networks, RF and Microwave components and modules and subsystems. ECTC is the premier Electronic Components and Packaging conference held annually and attended by about 1000 delegates with equal participation from companies and academia. As in the past, Components, RF & Microwave related papers are solicited for focus sessions during this prestigious conference.

Passive components

Design, Materials, Processes and manufacturing considerations for discrete passive components - resistors, capacitors, inductors and passive networks

Integrated / Embedded Passives for digital, mixed signal, RF/Microwave applications:

Design, technology, characterization - Embedded passives (inductors, capacitors) for RF/microwave applications & evaluation of their performance in terms of Quality Factor (Q), component value, fabrication challenges & cost

RF and Microwave Components:

Integrated Antennas, filters, baluns, RFID/sensors, RF MEMS, high power and high efficiency RF/microwave power amplifiers – design, technology, new high frequency characterization methodologies

RF and Microwave Modules:

RF/Microwave Packaging techniques & characterization
Module Integration in semiconductor, ceramic, organic or glass substrates for UWB, integrated transceivers for Zigbee, mobile digital TV ---

EMI and innovative shielding techniques for passive components and mixed signal application

SUBMISSIONS:

Please submit abstracts using the ECTC web site: www.ectc.net by October 15, 2006. Abstracts must comply with the guidelines outlined at the website. To have your paper considered for inclusion in the “Components & RF” focused sessions YOU MUST SELECT “Components & RF” committee as your PRIMARY subcommittee preference when you submit your abstract at the ECTC web site. Again, to have your paper considered for the RF & microwave components sessions, please do the following:

STEP #1: Submit abstract through the ECTC web site (www.ectc.net) and select “Components & RF” as PRIMARY subcommittee preference

STEP #2: Email abstract copy and author’s email & contact information to:
Craig Gaw at c.a.gaw@ieee.org & Mahadevan Iyer at mahadevan.iyer@ece.gatech.edu
IEEE PHOENIX SECTION
ANNUAL BANQUET
Saturday, February 10th, 2007
At
Hilton Phoenix Airport
Grand Ballroom
2435 South 47th Street
Phoenix, Arizona 85034
Tel: (480) 894-1600

Program:
6:00 PM – 7:00 PM Registration and Social Hour with Cash Bar
7:00 PM – 8:30 PM Dinner and Keynote Presentation
8:30 PM – 9:30 PM Section Awards Program

Keynote Speaker:
Dr. Deirdre R. Meldrum
Dean and Professor of Electrical Engineering
Director, Center for EcoGenomics
Arizona State University, Tempe, Arizona

Keynote Presentation:
Health and the Environment: From Fundamental Understanding to Future Applications

AWARD RECOGNITION CATEGORIES

Member
Young Engineer of the Year
Engineer of the Year
Advance Member Grade
Fellows, Senior Members
Chapter/Society
Individuals, Teams, Organizations, Best Society Chapter
Non-IEEE Member
Contributions to the Engineering Profession
Corporate
Large Company of the Year
Small Company of the Year

Education
Outstanding IEEE Student Branch
Outstanding IEEE Student Branch Leader
Outstanding Faculty
Outstanding Pre-College Educator
Phoenix Section Student Scholarships

Special Chair
Chair Special Recognition
Phoenix Section 2006 Officers

Future Cities Competition
Phoenix Section Communication Award

Banquet Fees:
IEEE Members and Guests $30.00
IEEE Student Member Guests $30.00
Corporate Sponsorship $500.00**
*Table sits 10 persons
**Sponsorship includes recognition at program, table of ten for dinner, and space for display

The deadline for receiving the registration fee is Friday, January 26th, 2007

For Making Reservations and Sending Checks Please Contact:
Dr. Keith E. Holbert
Treasurer, IEEE Phoenix Section
Electrical Engineering Department
Arizona State University
P.O. Box 875706
Tempe, AZ 85287-5706
Tel: (480) 965-8594
Fax: (480) 965-3837
Email: keith.holbert@asu.edu (preferred)

For Further Information Please Contact Annual Banquet Organizing Committee Members:
Dr. Vasudeva P. Atluri (480) 554-0360
Dr. Rao Bonda (480) 413-6121
Mr. James E. Drye (480) 413-5685
Dr. Dongming He (480) 552-0947
Dr. Keith E. Holbert (480) 965-8594
Dr. Rao S. Thallam (602) 236-8064

For more information visit our web page: http://www.ieee.org/phoenix
IEEE PHOENIX SECTION
ANNUAL BANQUET
Saturday, February 10th, 2007

At
Hilton Phoenix Airport
Grand Ballroom
2435 South 47th Street
Phoenix, Arizona 85034
Tel: (480) 894-1600

Registration Form

Banquet Fees:
- IEEE Members and Guests: $30.00
- IEEE Student Members: $20.00
- IEEE Student Member Guests: $30.00
- IEEE Chapter / Society Table: $300.00*
- Corporate Sponsorship: $500.00**

*Table sits 10 persons
**Sponsorship includes recognition at program, table of ten for dinner, and space for display

Please mail completed registration form along with your check, payable to: "IEEE Phoenix Section" and mail to:

Dr. Keith E. Holbert
Treasurer, IEEE Phoenix Section
Electrical Engineering Department
Arizona State University
P.O. Box 875706
Tempe, AZ 85287-5706
Tel: (480) 965-8594
Fax: (480) 965-3837
Email: keith.holbert@asu.edu (preferred)

Banquet Timings:
- Registration / Social Hour with Cash Bar: 6:00 PM – 7:00 PM
- Dinner / Keynote Presentation: 7:00 PM – 8:30 PM
- Section Awards Program: 8:30 PM – 9:30 PM

Social Hour Hors D’Oeuvres:
- Tequila Jalapeno Poppers
- Crab Stuffed Mushrooms
- Teriyaki Beef Kabobs
- Cheese and Cracker Tray
- Vegetable Tray with Ranch Dip

Cash Bar:
- Sodas and Alcoholic beverages

For additional information please access www.ieee.org/phoenix

The deadline for receiving the registration fee is Friday, January 26th, 2007

Please limit Registration to two persons per form, attach multiple forms if necessary. Detach below and mail with check.

IEEE PHOENIX SECTION ANNUAL BANQUET – 2007 Registration
(Please complete all sections of the form by typing or printing in bold and capital letters)

Name:

Guest Name:

Address:

Telephone Number:  Email:

IEEE Member:  Yes  No  Student  Membership #

Dinner Choice (please select one per person)

(1) Petite Filet Mignon and Chicken Piccata Combo Dinner
(2) Chilean Sea Bass Dinner
(3) Vegetable Wellington with Roasted Red Pepper Sauce

Dinner Menu:
- 1) Petite Filet Mignon and Chicken Piccata Combo Dinner
- 2) Chilean Sea Bass Dinner
- 3) Vegetable Wellington with Roasted Red Pepper Sauce

Dinner Menu also includes Field Green Salad with Ranch and Vinaigrette Dressings, Garlic Mashed Potatoes, Rolls and Butter, Fresh Vegetables, Ice Tea and Water

Dessert:
- New York Cheesecake with Strawberry Sauce
- Coffee, Decaffeinated Coffee and Tea are served with Dessert

Banquet Fees:
- IEEE Members and Guests: $30.00
- IEEE Student Members: $20.00
- IEEE Student Member Guests: $30.00
- IEEE Chapter / Society Table: $300.00*
- Corporate Sponsorship: $500.00**
IEEE ANNOUNCEMENTS

IEEE Mentoring Connection

IEEE is offering its members the opportunity to participate in an online program which will facilitate the matching of IEEE members for the purpose of establishing a mentoring partnership. By volunteering as a mentor, individuals use their career and life experiences to help other IEEE members in their professional development. I believe this program can be a great tool to provide our newest members of our profession guidance in their careers and provide experienced members a chance to hear first hand from the newly graduated about the latest training the next generation is receiving. This is a program for higher level members and is provided to help ease the transition out of school and into a career.

As a mentee, you lead your partnership by selecting your mentoring partner from among those who have volunteered to serve in this capacity. I ask that you review the time and effort commitment to the program to ensure a successful mentoring partnership. Participation in the program is voluntary and open to all IEEE members above the grade of Student Member.

If you are interested, please go to http://www.ieee.org/mentoring for information on the roles and responsibilities of each mentoring partner. I encourage you to take advantage of the IEEE network of technical professionals or offer your expertise and sign up for the online mentoring program today.

Who can be an IEEE Mentor?

IEEE higher-grade members (above Student Member grade) who are, but not limited to:

- Willing to give time and effort to the mentoring partnership (we suggest minimum of two hours per month)
- Able to communicate effectively with others
- Willing to share some career successes and failures
- Individuals who may be or have been executives, consultants, or in middle or upper management, or in research
- Individuals who may be or have been educators, entrepreneurs, or self-employed
- Individuals who may be or have been proven leaders offering inspiration and insight
- Individuals who may be or have been IEEE officers or volunteers
- Willing to review an orientation session to learn guidelines, tools of program and the mentee and mentor's role and responsibilities

Who can be an IEEE Mentee?

IEEE higher-grade members (above Student Member grade) who are, but not limited to:

- New professionals in their first or second job, or considering entering graduate programs
- Recent graduates entering the professional workforce for the first time
- Professional making a career move or career change
- Passionate for learning
- Willing to give time and effort to the mentoring partnership (we suggest minimum of two hours per month)
- Willing to identify and clarify their developmental goals
- Interested in learning from another professional "who has been there"
- Willing to participate in mentee orientation session to learn guidelines, and tools of program and their role and responsibilities as a mentee

This program deserves your consideration and doesn’t require a large amount of time on your part. It can provide of great assistance to the next generation of engineers.

Russ Kinner
Membership Chair, Phoenix Section
December Meeting
Announcement for the
Phoenix Chapter of the
IEEE EMC Society

**Date:** Wednesday, December 6th, 2006
**Place:** Garcia's Mexican Restaurant at Embassy Suites Hotel
**Address:** 4400 South Rural Road, Tempe, Arizona
**Address:** Just South of U.S. 60 on West side of Rural Rd.
**Time:** 5:30PM Social, 6PM Dinner (order off menu), 7PM Meeting and Presentation
**Title:** The New EMC Directive for Europe, Are You Ready?
**Speaker:** Gary Fenical, Laird Technologies


**Some items to be presented are:**
- Timeline
- Updated Definitions
- Fixed Installations
- Documentation
- New role for Notified Bodies
- Enforcement

There will be no grandfathering for products currently being placed on the market. With mandatory compliance to the new directive to be the 20th of July 2007, are you ready?

**About the speaker:** Mr. Fenical is the EMC Technical Sales Representative at Laird Technologies, in Delaware Water Gap, PA and has been with the firm for 23 years. Mr. Fenical is a specialist in RF shielded enclosures and has been responsible for the design and/or measurement and quality control of hundreds of large-scale shielded enclosures as well as a number of shielded equipment cabinets and housings. He was instrumental in the design and construction of Laird Technologies' state-of-the-art World Compliance Centers. Mr. Fenical has authored many articles on EMC Requirements for Medical Devices, Mutual Recognition Agreements and Guidelines to meet the essential requirements if the EMC Directive. He has also authored several seminars on the EU EMC Directive, International Compliance, and Designing for EMC and EMC Requirements for Medical Devices which have been presented worldwide. He holds the patent for the invention of heat-treated beryllium-copper knitted wire mesh gasket.

**RESERVATIONS:** Please call Daryl or Mary at Kimmel Gerke Associates in Mesa AZ at 480-755-0080. (If no answer, please leave a voice mail.) You may also register by email at dgerke@emiguru.com. There is no charge for meetings, but you pay for your own meal and drinks. Since we order off the menu, we do not need an exact number, so if you decide at the last minute, please come anyway. You don’t need to be an IEEE or EMC Society member to attend -- all are welcome.
PES January 2007 Luncheon Meeting

Date: Thursday, January 18, 2007

Time: 11:30 am - 12:00 noon: Registration  
12:00 noon: Lunch  
12:30 pm: Program

Location: SRP PERA Club  
1 E. Continental Dr.  
Tempe, AZ

Speaker: Dr. Keith E. Holbert, Associate Professor of Electrical Engineering, Arizona State University

Topic: An Update on Nuclear Power in the U.S.

Cost: $8.00 (Students $4.00)

Reservations: Contact Info TBA.  
Reservations deadline is Noon Monday, January 15, 2007.

Abstract:

Since the 1970s, the nuclear power industry has been beset with a lack of growth. Economic issues with several root causes have ultimately stymied nuclear plant development. The U.S. government gave birth to nuclear power, and now, via incentives in the Energy Policy Act of 2005, has set the stage for a potential revival of nuclear power. Wildcards, such as global warming and global competition for energy sources, could propel a nuclear renaissance.

Biography:

Dr. Keith E. Holbert is currently an Associate Professor in the Electrical Engineering Department of Arizona State University. He earned his Ph.D. in nuclear engineering from University of Tennessee in 1989. His research interests focus on power plant instrumentation, signal processing, and fuzzy logic applications for power plants. Dr. Holbert is a registered professional engineer (nuclear). He has published more than 65 refereed journal and conference papers.
IEEE ANNOUNCEMENTS

IEEE Computer Society - Phoenix Chapter

December Meeting
Speaker: Lonnie Dworkin
Date: 6:00 P.M., Wednesday, December 6, 2006
Location: DeVry University, 2149 West Dunlap Ave, Phoenix, AZ 85021 (1 mile east of I-17 on Dunlap, SE corner of 22nd Ave and Dunlap). Networking will be in the Courtyard (6-7PM with light meal), presentation at 7PM.
Free, everyone is welcome. Please tell others about this meeting.

Computer Forensics Tools

About the Speaker

CompuFor was established in 2004 and is based in Scottsdale, AZ. CompuFor specializes in Computer Forensics, Data Recovery, and Information Security. The company has established a reputation for flexibility, and rapid response during their history working directly with local, national, and international businesses, and law firms.

CompuFor is engaged in a wide spectrum of civil matters including intellectual property, employment, due-diligence, and domestic matters. CompuFor drafts affidavits and motions, and consults for pre-trial management conferences and evidentiary hearings.

The company also has extensive criminal defense experience including; advises clients and attorneys on developing and evaluating theories of defense in matters that involve identity theft, Internet fraud, murder, and other types of illegal activities that directly or indirectly implicate computers. Many of their cases are resolved without going to trial, saving litigation costs to all parties involved. CompuFor makes every "bit" evident.

Lonnie Dworkin is an IEEE Computer Society member with an extensive background in New Product Development and IT.

Company website: http://www.compufor.com

For more information about this meeting, contact cesar.vasquez-carrera@computer.org
IEEE Phoenix Area Consultants Network December Meeting:
Weekly Business Meeting

Date: Thursday, December 14th, 2006
Time: Networking begins at 6:30 pm
      Dinner begins at 7:00 pm
      Program starts at 8:00 pm

Place: Denny’s Restaurant
       3315 N. Scottsdale Rd. (at Osborn)
       Scottsdale, Arizona 85251

Abstract: December is our annual business meeting. We will elect new
members of our Executive Board and entertain suggestions for the future
direction of our organization, including the ways that our organization can
help the cause of independent consultants. Non-members are welcome to
come join in the discussion.

For more information, contact Vaughn Treude, vaughn@nakota-
software.com, or see the IEEE PACN website, ieeepacn.com.
IEEE Phoenix Section Student Paper Contest 2007

The IEEE Student Prize Paper Contest offers the undergraduate IEEE Student member opportunities to exercise and improve both written and verbal communication skills. Throughout an engineer's career, (s)he will be constantly called upon to communicate ideas to others. Researching, writing, and presenting a paper provides a student with invaluable early experience in expressing ideas related to engineering. Since the paper contest primary function is to improve the engineering student's communicative skills, no student should be discouraged from entering the contest due to a false requirement of technical sophistication.

This undergraduate student paper contest consists of a written paper and an oral presentation. The written paper should be in the IEEE region 6 standard, which is available at [http://www.ewh.ieee.org/reg/6/MemberStudentActivities/IEEERegionalStudentPaperContestGuidelines.doc](http://www.ewh.ieee.org/reg/6/MemberStudentActivities/IEEERegionalStudentPaperContestGuidelines.doc). Briefly, the type-written papers are 15 pages maximum, double-spaced with 12 pt font. The written paper, as either an MS Word or an Acrobat pdf file, should be emailed to jdrye@ieee.org by 6 p.m. on February 16, 2007.

The oral presentations are 15 minutes plus a 5-minute question & answer period. The oral portion of the contest to be held the morning of Saturday March 03, 2007, at the ASU Tempe campus in the ASU Memorial starting at 8 a.m. A computer with projector will be provided for the contestants to use, since PowerPoint slides are the recommended approach. The best place to park that day should be the visitor section of Parking Structure 1 which is located near the intersection of Apache Blvd. and Normal St., and which is a short walk to the south of the Memorial Union (see [http://www.asu.edu/map/](http://www.asu.edu/map/)).

The local cash awards for the paper contest winners are (1) First Place – $300, (2) Second Place – $200, and (3) Third Place – $100. The five judges are IEEE members from local industries.

The top entrant from each Local Student Branch (ASU Main, ASU Polytechnic, DeVry, Embry-Riddle, and NAU) is eligible to present their paper to the IEEE Region 6 Southwest Area contest to be held April ___ in Las Vegas, NV.

If you have any questions, please contact:

Jim Drye
Student Activities Chair
Phoenix Section

Voice: (480) 413-5685
Email: jdrye@ieee.org
IEEE PHOENIX SECTION
SCHOLARSHIPS

Applications Due: December 22, 2006
Awardees Announced: January 2007

Institute of Electrical & Electronics Engineers

IEEE Student Member Scholarships

- For full-time undergraduates who are members of IEEE: approved majors are Electrical/Electronic Engineering, Computer Systems Engineering, Electrical Engineering Technology, Computer Engineering Technology, or Computer Science
- Must attend a university in the Phoenix Section during 2006-07 (i.e., ASU, ASU Polytechnic, DeVry, Embry-Riddle, or NAU)

Scholarship Application Requirement

- Application form (attached) with general information and qualifications including:
  - financial aid statement, and
  - one-page personal statement of attainments, interests and goals
- Official transcripts of all college work
- Recommendation letters (optional, but helpful to the selection committee)

For any further Information Please Contact:
Jim Drye
jdrye@ieee.org
(480) 413-5685

Send Completed Application Materials to:
Jim Drye
Student Activities Chair
705 E. Bates St.
Mesa, AZ 85203
IEEE PHOENIX SECTION
SCHOLARSHIP APPLICATION
(Due: December 22, 2006)

Applicant IEEE Member No. _______________________

<table>
<thead>
<tr>
<th>Name</th>
<th>Last/Family</th>
<th>First</th>
<th>Middle</th>
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<table>
<thead>
<tr>
<th>Home Address</th>
<th>Number</th>
<th>Street</th>
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<tbody>
<tr>
<td>City</td>
<td>State</td>
<td>Zip Code</td>
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<th>Telephone No.</th>
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<th>E-mail</th>
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<tr>
<th>Social Security No.</th>
<th>Date of Birth</th>
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<tr>
<td></td>
<td>Month/Day/Year</td>
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Are you an Arizona resident? ☐ Yes ☐ No

<table>
<thead>
<tr>
<th>Present School</th>
<th>GPA (and scale)</th>
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<tr>
<th>Class (Fr/So/Jr/Sr)</th>
<th>Academic Probation/ Suspension</th>
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<td></td>
<td>Yes ☐ No ☐</td>
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Name of Instructor familiar with your qualifications

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<tr>
<th>Her/His Telephone</th>
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<tr>
<th>College Attending Next Year</th>
<th>Expected Graduation Date</th>
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<tr>
<th>College Major</th>
<th>Specialty within Major, if any</th>
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Please complete pages 2 and 3 (Financial Aid Statement and Personal Statement), And Attach Official Transcripts from Present School/College.
**IEEE ANNOUNCEMENTS**

**IEEE PHOENIX SECTION SCHOLARSHIP**  
FINANCIAL AID STATEMENT

Name_______________________________________________

Marital Status:  Married ____  Single ____

Can anyone claim you as a dependent?   Yes ___  No ___

Number of dependents you are able to claim _______________

Who sponsors your education? Yourself ____ Other ____ (please specify) ____________

Projected College Costs and Financial Resources (for the 2006-2007 School year)

<table>
<thead>
<tr>
<th>Expenses</th>
<th>$</th>
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<tbody>
<tr>
<td>Tuition and Fees:</td>
<td></td>
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<tr>
<td>Books and Supplies:</td>
<td></td>
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<tr>
<td>Transportation (Car/Bus/Insurance)</td>
<td></td>
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<tr>
<td>Room &amp; Board (Dorm/Apt/Food/Utilities/Phone)</td>
<td></td>
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<tr>
<td>Personal (Clothes/Insurance/Recreation)</td>
<td></td>
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<tr>
<td><strong>Total Expenses:</strong></td>
<td>$</td>
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</table>

**Projected Financial Resources**

<table>
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<tr>
<th>Financial Resources</th>
<th>$</th>
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<tbody>
<tr>
<td>Education Loans</td>
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<tr>
<td>Government Grants</td>
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<td>Federal Benefits (GI Bill/Social Security/etc)</td>
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<td>Scholarships</td>
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<tr>
<td>Parent and/or Spouse Support</td>
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<tr>
<td>Employment (your job income)</td>
<td></td>
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<tr>
<td><strong>Total Resources:</strong></td>
<td>$</td>
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</tbody>
</table>

I certify that the information in this scholarship application is true to the best of my knowledge.

________________________________________________ ________________________  
Signature        Date
Please provide a one-page statement summarizing your interests, academic accomplishments, school & athletic activities, community service, education and career goals, and employment history (position, company, dates).